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USER MANUAL

LED BIG STROBE LIGHT
(DMX 6CH)



Please Read over this Manual before Operating the Light Fixture

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Thank you so much to choose this product. It adopts the most advanced lamps, which is called LED lamps. It conquers a lot of disadvantages such as power wasting, short using life, high temperature, etc. It has advantages of power saving, long life (it can reach 60,000.00 hours in general circs), high brightness, fresh colors...It is the best stage illuminating and various effect decorative products.

Security:

1. This product belongs to grade I protection equipment, so it should be ground very well and connect to power by professional personnel.
2. Make sure the user voltage can not higher or lower than the regulate value of the user manual.
3. Make sure the AC Cord is intact which have not any fault in it. Please use proper and safe AC cord to connect the product.
4. Make sure to shut off the power supply when stop using the light and before cleaning.
5. It only allows plug connecting AC cord to the power supply. Don't drag the AC cord to pull off the plug.
6. Please take more attention while installing the fixtures. Avoid touching exposed AC cord, or will cause deadly accident.
7. When installing the fixtures, make sure the fixtures are not exposed in extremely hot, humid or dusty environment. Make sure the distance between the fixture and the lighted object is not less than 0.5 meter. Make sure there is no combustible or explosive object around 0.5 meter.
8. Please operate the light fixture after becoming very familiar with the functions. In most cases, the light fixture will be broken by incorrect operation. It won't allow laypeople to operate this light. Don't shake or anything rudely to the light fixture, or it will cause problems.

9. Don't amend the light when you do not know how to do, it will cause short circuit, combustion and electric shock etc, and it is not in guarantee in this case.

There are four ways to use this product. They are DMX control, sound control, auto running in single, or principal and subordinate control.

I. DMX-512 control:

1) DMX ADDRESSING

Pull on DIP 10 and DIP 1, the light will enter DMX mode. The DMX Address is 1. (That is to say, the DMX addresses begin with 1.)

2). FUNCTIONS EXPLANATION

CH 1 — General Dimmer (1-255, from dark to bright)

CH 2 — RED (1-255, dimmer, from dark to bright)

CH 3 — GREEN (1-255, dimmer, from dark to bright)

CH 4 — BLUE (1-255, dimmer, from dark to bright)

CH 5 — Strobe & Color change/ color gradual change

0-49: Strobe on, single color

50-100: Strobe on, single color and mixing colors

101-150: Color change on Single color

151—200: Color change on, single color and mixing color

201—250: color gradual change on, single color

251—255: color gradual change on, single color and mixing color

CH 6 —Strobe & Color change/ color gradual change speed adjustment

(1-255, Speed adjustment, from slow to fast)

II. Sound control:

When all of the dip codes are "OFF" at the same time, it enters Sound Control mode, and colors runs as the music.

III. Dialing address code for auto running control in single (without DMX 512) .

1) Detail operation as below:

Diagram 1:

Dip ON	DIP OFF	Function
1	2. 3. 4. 5. 6. 7. 8. 9. 10	RED
2	1. 3. 4. 5. 6. 7. 8. 9. 10	GREEN
3	1. 2. 4. 5. 6. 7. 8. 9. 10	BLUE
4	1. 2. 3. 5. 6. 7. 8. 9. 10	YELLOW
5	1. 2. 3. 4. 6. 7. 8. 9. 10	PINK
6	1. 2. 3. 4. 5. 7. 8. 9. 10	White
1. 8	2. 3. 4. 5. 6. 7. 9. 10	RED STROBE
2. 8	1. 3. 4. 5. 6. 7. 9. 10	GREEN STROBE
3. 8	1. 2. 4. 5. 6. 7. 9. 10	BLUE STROBE
4. 8	1. 2. 3. 5. 6. 7. 9. 10	YELLOW STROBE
5. 8	1. 2. 3. 4. 6. 7. 9. 10	PINK STROBE
6. 8	1. 2. 3. 4. 5. 7. 9. 10	BABY BLUE STROBE

Diagram 2:

Dip ON	DIP OFF	Function
1. 9	2. 3. 4. 5. 6. 7. 8. 10	RED Dimmer, from dark to bright
2. 9	1. 3. 4. 5. 6. 7. 8. 10	GREEN Dimmer, from dark to bright
3. 9	1. 2. 4. 5. 6. 7. 8. 10	BLUE Dimmer, from dark to bright
4. 9	1. 2. 3. 5. 6. 7. 8. 10	YELLOW Dimmer, from dark to bright
5. 9	1. 2. 3. 4. 6. 7. 8. 10	PINK Dimmer, from dark to bright
6. 9	1. 2. 3. 4. 5. 7. 8. 10	White Dimmer, from dark to bright
1. 8. 9	2. 3. 4. 5. 6. 7. 10	RED STROBE speed adjusting, from slow -fast
2. 8. 9	1. 3. 4. 5. 6. 7. 10	GREEN STROBE speed adjusting, from slow -fast
3. 8. 9	1. 2. 4. 5. 6. 7. 10	BLUE STROBE speed adjusting, from slow -fast
4. 8. 9	1. 2. 3. 5. 6. 7. 10	YELLOW STROBE speed adjusting, from slow -fast
5. 8. 9	1. 2. 3. 4. 6. 7. 10	PINK STROBE speed adjusting, from slow -fast
6. 8. 9	1. 2. 3. 4. 5. 7. 10	BABY BLUE STROBE speed adjusting, from slow -fast

2) Colors changing adjustment:

If dial on two or more among DIP1 and DIP6, it enters the color changing mode. The brightness of the color changing is the same as before entering this function, can not be adjustable. The color changing speed is adjustable. Dial on the DIP9 to adjust the color changing speed. When the DIP9 is on at the same time, the speed of color changing is become more and more fast, and then to the slowest in circle. When the DIP9 is off, the speed of color changing will not change any more. DIP1 to DIP6 indicate the six colors. The one which is on will attend the color changing procession.

IV. Principal and subordinate control:

The best characteristic of this light is that it can be principal and subordinate control (when using this control, it should be use signal line connect one by one. Choose one light to be a principal light, (one group only have one principal light, others are subordinate), Dialing as below:

	DIP ON	DIP OFF
The principal light	7	Auto control procedure dialing (DIP control)
The subordinate light	10	1. 2. 3. 4. 5. 6. 7. 8. 9

Dial the dip codes of the principal light to achieve the functions you like. The subordinate lights will run the same as the principal.

Note: In order to make multi-color strobe or color changing of the subordinates, make sure the DIP1, DIP2 and DIP3 of the principal are ON.

Technical Parameters:

1. Light Source: 198 pcs of F10 high power LEDs.
2. Color Range: 16.7 million additive RGB colors; continuously variable intensity ($256 \times 256 \times 256 = 16777216$)
3. Beam Angle: 30°
4. Life Time: 60000 hours
5. Dimming: 0-100% adjustable
6. Strobe: 10 Flashes per second (any color)
7. Power Supply: 30W
8. Operation Mode: DMX control, sound control, auto running in single, or principal and subordinate control.
9. DMX control: 6CH
10. Control panel: DIP CODE
11. Input voltage: AC220V \pm 10%/ 50Hz/
12. Cover: Aluminum
13. Maximum Ambient Temperature: 45 °C
14. Packing size: 480*220*160mm
15. G.W.: 4.0 kg