

# **4 EYES WATERPROOF BLINDER LIGHT 4PCS\*100W COB 2IN1 White+Warm white**



## **User Manual**

This manual contains important information.  
Please read before operating fixture.

# 1 SECURITY TIPS

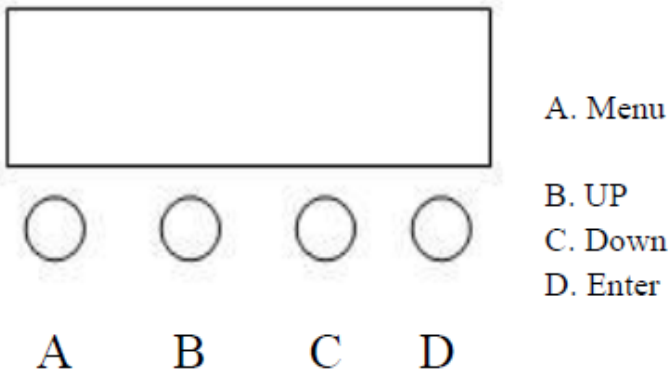
**WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:**

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V~240V 60Hz / 50HZ.
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 °C -40 °C, the highest temperature of the surface of the lamp: 60 °C.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

## 2 TECHNOLOGY REFERENCE

- Input voltage: A C 100-240V, 50-60Hz
- Power supply: 450W  
Color : **4PCS\*LED100W**
- **(COB2IN1 White+Warmwhite)**
- Channel: 12CH (A001 AND D001 Two channels)
- Operation: DMX512,Auto,Sound,Master-slave
- Power connector : POWERCON IN/ OUT 3Pin
- Cooling : Efficient low noise fan cooling system

## 3 Board Instruction



Press **A** button, there will be eight different effects. The first two letters stands for functions (refer to Diagram II) The last two letters stands for DMX address, or speed,. You can modify it with **B** or **C** button. And press **D** button for confirmation.

Serial number	content	Numerical range	Function and description
1	A001	001- 512	DMX512 address code setting -12 channel mode
2	d001	001- 512	DMX512 address code setting -12 channel mode
3	r255	000 - 255	Positive white 1 dimming, from dark to bright.
4	G255	000 - 255	Warm white 1 dimming, from dark to bright.
5	B255	000 - 255	Positive White 2 dimming, from dark to bright.
6	u255	000 - 255	Warm white 2 dimming, from dark to bright.
7	y255	000 - 255	Positive white 3 dimming, from dark to bright.
8	P255	000 - 255	Warm white 3 dimming, from dark to bright.
9	n255	000 - 255	Positive white 4 dimming, from dark to bright.
10	U255	000 - 255	Warm white 4 dimming, from dark to bright.
11	FH00	00 - 99	No stroboscopic at 00, global stroboscopic at 01-99, from slow to fast.
12	CL01	01 - 95	Manual color selection mode.
13	CC99	01 - 99	Jump from slow to fast.
14	DE99	01 - 99	Gradient, from slow to fast.
15	CP99	01 - 99	Pulse changes from slow to fast.
16	SU01	01 - 02	Mode: 1 refers to stroboscopic jump and 2 refers to jump

## 4 DMX CHANNEL SHEET

12 Channels Mode (A001 status)

channel	function	explain
CH1	Total dimming	Total dimming, from dark to bright
CH2	Positive White 1 dimming	Positive White 1 dimming, from dark to bright
CH3	Warm white 2 dimming	Warm white 2 dimming, from dark to bright
CH4	Positive white 3 dimming	Positive white 3 dimming, from dark to bright
CH5	Warm white 4 dimming	Warm white 4 dimming, from dark to bright
CH6	Positive White5 dimming	Positive White 5 dimming, from dark to bright
CH5	Warm white6 dimming	Warm white 6 dimming, from dark to bright
CH8	Positive white 7 dimming	Positive white 7 dimming, from dark to bright
CH9	Warm white 8 dimming	Warm white 8 dimming, from dark to bright
CH10	Total stroboscopic	Global strobe, from slow to fast
CH11	Function selection	0--50: dimming mode;
		51--100: color selection (selected by CH4);
		101-150: jump;
		151-200: gradient;
		201-249: pulse change;
		250-255: voice control (CH4 selects voice control 1 and 2)
CH12	Function speed	Function speed, from slow to fast (select voice control strobe and jump when voice control)

## 12 Channels    Mode (D001 status)

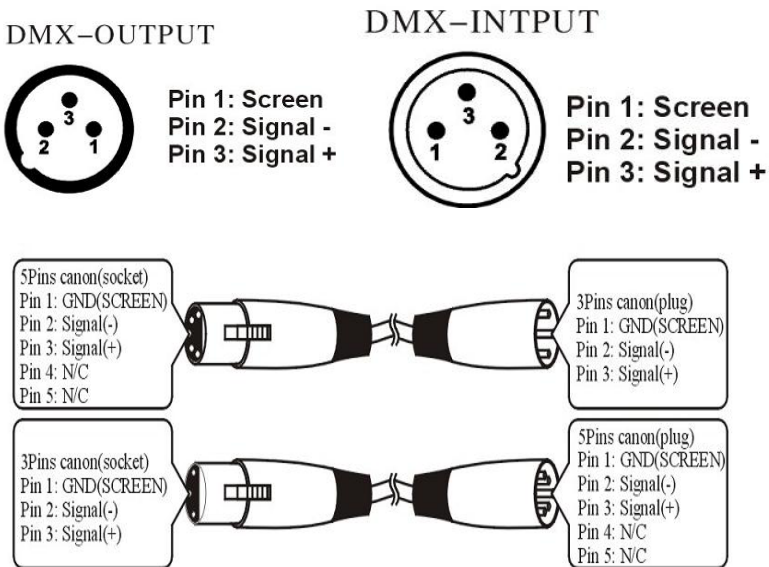
channel	function	explain
CH1	Total dimming	Total dimming, from dark to bright
CH2	Total stroboscopic	Global strobe, from slow to fast
CH3	Function selection	0--50: dimming mode;
		51--100: color selection (selected by CH4);
		101-150: jump;
		151-200: gradient;
		201-249: pulse change;
		250-255: voice control (CH4 selects voice control 1 and 2)
CH4	Function speed	Function speed, from slow to fast (select voice control strobe and jump when voice control)
CH5	Positive White1 dimming	Positive White 1 dimming, from dark to bright
CH6	Warm white 2 dimming	Warm white 2 dimming, from dark to bright
CH7	Positive white 3 dimming	Positive white 3 dimming, from dark to bright
CH8	Warm white 4 dimming	Warm white 4 dimming, from dark to bright
CH9	Positive White5 dimming	Positive White 5 dimming, from dark to bright
CH10	Warm white6 dimming	Warm white 6 dimming, from dark to bright
CH11	Positive white 7 dimming	Positive white 7 dimming, from dark to bright
CH12	Warm white 8 dimming	Warm white 8 dimming, from dark to bright

## 5 FIXED EQUIPMENT

Please fasten the fixture clamp before hanging. The clamp can be fastened by the little hole in the middle of the bracket, then tie with a safety belt. The loading capacity of the safety belt should be 10 times than the weight of the fixture itself.

## 6 CONNECTION OF DMX-512 AND CONNECTION WITH THE LIGHT EQUIPMENT

Please connect XLR-XLR control wire with every light from the output of DMX. XLR connection :



**ATTENTION:** Please do remember to connect one circle circuit plug on the output signal of last equipment. And this circle circuit plug was connected a 120ohm resistance between terminals 2 and 3 of the CANON plug, connect this circle circuit plug can avoid the signal flash phenomena of signal DMX512 during the transmission.

## 7 Maintenance

Problems	Check list	Trouble Shooting
The fixture do not work	1. If your power as same as the input of the machine. 2. If the fuse was broken.	1. Make sure the voltage. 2. Replace the same fuse.
LED dimmed	If your power us same as the input of the machine	Make sure the voltage input.
No DMX input	1. If the polarity is opposited in the DMX controller. 2. If it is in DMX mode. 3. If there are 2 Master in a loop.	1. Correct the DMX polarity. 2. Change to the DMX mode. 3. Set one piece into Slave mode.
Par Light Set works abnormality	1. Check if the serial is correct on the Par Light display	1. Set the right serial No on the single Par Light

### Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.

THE END