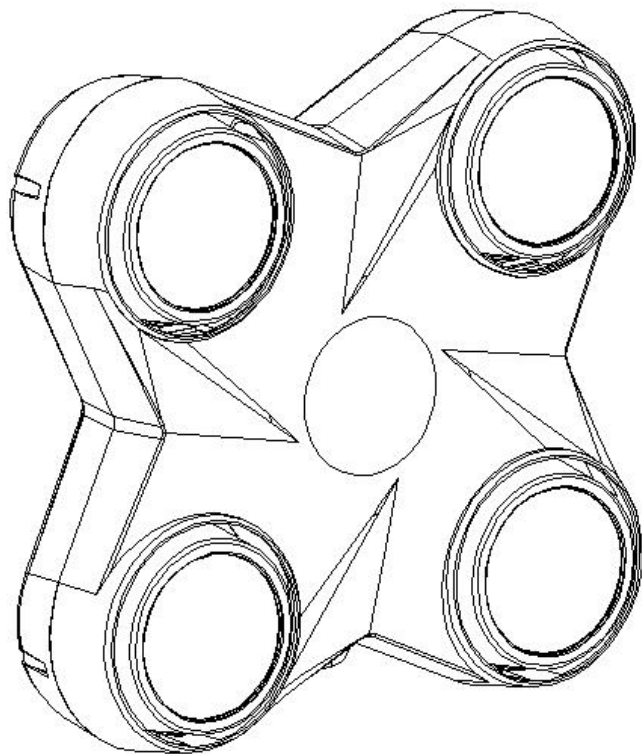


# 4200LW

---

## 4x200w COB Led waterproof Blinder



User manual

Please read the instructions carefully before use

# TABLE OF CONTENTS

1. Safety Instructions .....	3-4
2. Technical Specifications .....	5
3. LUX Data .....	6
4. How To Control The Unit .....	6-8
5. DMX Channel List.....	9-12
5. Shape .....	13
6. Trouble shooting .....	14
7. Fixture Cleaning .....	15

## statement

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can't be responsible for any malfunction & problem owing to ignore the manual.

# 1. Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for indoor use only. Use only in a dry location.
- The unit must be installed in a location with adequate ventilation, at least 50 cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect main power before replacement or servicing.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this unit. Do not handle the unit by taking its head only, but always by taking its base.
- Maximum ambient temperature is  $T_a: 40^{\circ}\text{C}$ . Do not operate it where the temperature is higher than this Unit surface temperature may reach up to  $85^{\circ}\text{C}$ . Do not touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
- the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled

people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

- Do not touch any wire during operation as high voltage might be causing electric shock.

### **Warning:**

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- Do not open the unit within five minutes after switching off.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

### **Caution:**

There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

### **Installation:**

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

## 2. Technical Specifications

Light Source:

4pcs 200W COB White 6500k and warm white 3200k 2in1 led

Lifespan: More than 5000 hours

Beam Angle:55°

Voltage: AC100-240V,50/60HZ (Power supply switch)

Power consumption: 800w

### Features

3-pin waterproof shielded wire and 3-pin 2.5mm<sup>2</sup> waterproof power cable

Fan adjust speed according to led temperature

The bracket is graduated in 10°

Safety ropes and double brackets

High brightness and color temperature adjustable

0-100% linear dimming adjustable strobe

Three dimming curve modes to choose and used different places alternative, such as professional stage, cinema, opera, bar, night club and.,etc.

### Control

DMX512/Auto run/Master slave/Sound activated

DMX channels :2/9/16 CH

DMX in & out: 3-pin XLR Sockets

Display: Colorful touch display

### Construction

Body color: black

Protection: IP65

Power sockets: Powercon in & out

Dimension: 42.5x42.5x17.8cm

N.W: 11 KG

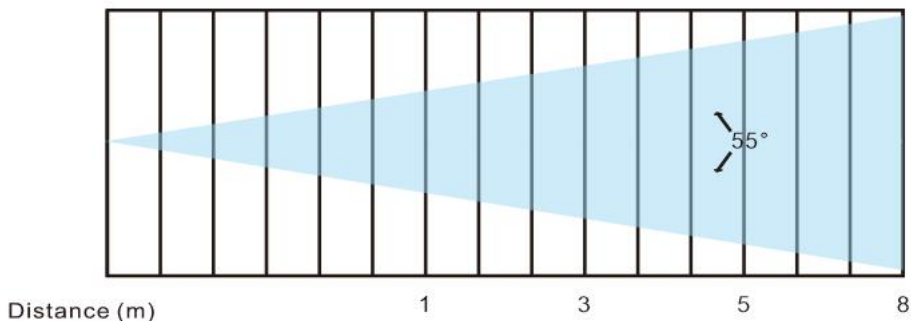
Carton package 1in1 size: 48\*48\*21.5cm

Gross Weight: 13 Kgs

### 3. Lux Data

Beam Angle =55°

1LED(WW)lux	6610	632	269	124
4LED(WW)lux	26800	2700	1230	555
1LED(CW)lux	8660	1060	481	189
4LED(CW)lux	34600	3510	1520	704
1LED(2in1)lux	16100	1630	709	321
4LED(2in1)lux	59600	6280	2710	1240



### 4. How To Control The Unit

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, DMX in and DMX out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

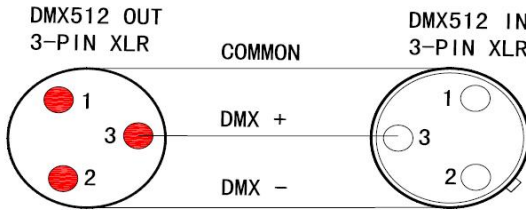
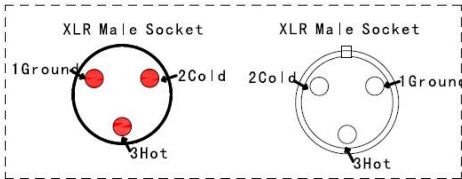


Figure2



XLR Pin Configuration	
pin1	=Ground
pin2	=Data Compliment (negative)
pin3	=Data true (positive)

## Display:

- MENU To select the programming functions
- DOWN To go backward in the selected functions
- UP To go forward in the selected functions
- ENTER To confirm the selected functions

## Set DMX Address Code

- 1 Press **"Menu"** to "Set DMX Address", and press **"ENTER"** keys to enter into
- 2 Show "Set DMX Address DMX Address:**001**", Press the **"UP and DOWN"** keys to amended
- 3 Press **"ENTER"** keys to save and Exit, Press the **"MENU"** Keys does not save and Exit

## Menu

1.Address	Set address 001--512
2.Run Mode	1.DMX512

	2.AUTO
	3.SOUND
	4.HAND
3.Auto Select	1.Auto Select1--Auto Select8
	2.auto run speed from slow to fast with 10 ways in optional
4. Hand Set Control LED from dark to bright	LED1 W1 white 000-255
	LED1 W2 warm white 000-255
	LED2 W1 white 000-255
	LED2 W2 warm white 000-255
	LED3 W1 white 000-255
	LED3 W2 warm white 000-255
	LED4 W1 white 000-255
	LED4 W2 warm white 000-255
5.Master	1.Master
	2.Alone
6.Channel	16Channels
	9Channels
	2Channels
7.Dimmers	1.Dimmer0
	2.Dimmer1
	3.Dimmer2
	4.Dimmer3
8.Mic Sense	Sound sensitive adjust 001--100
9.Display	1.Forward
	2.Reverse
10.Inform	1.CH Value
	2.Temp
	3.Soft v.xxx
11.Default	Reset
	1.yes



	factory	2.no
--	---------	------

## DMX Channel List

### 2 CH Mode

Channel	Function	Description	Value
1 CH	Dimming	from dark to bright	0-255
2 CH	Strobe	no function	0-15
		strobe (from slow to fast)	16-214
		random strobe	215-255

### 9 CH Mode

Channel	Function	Description	Value
1 CH	Dimming	from dark to bright	0-255
2 CH	Strobe	no function	0-15
		strobe (from slow to fast)	16-214
		random strobe	215-255
3 CH	Dimming modes	no function	0----49
		mode 0	50----99
		mode 1	100----149
		mode 2	150----199
		mode 3	200----255
4 CH	Color temperature choice	No function	0----31
		6500K	32----63
		6000K	64----95
		5500K	96----127

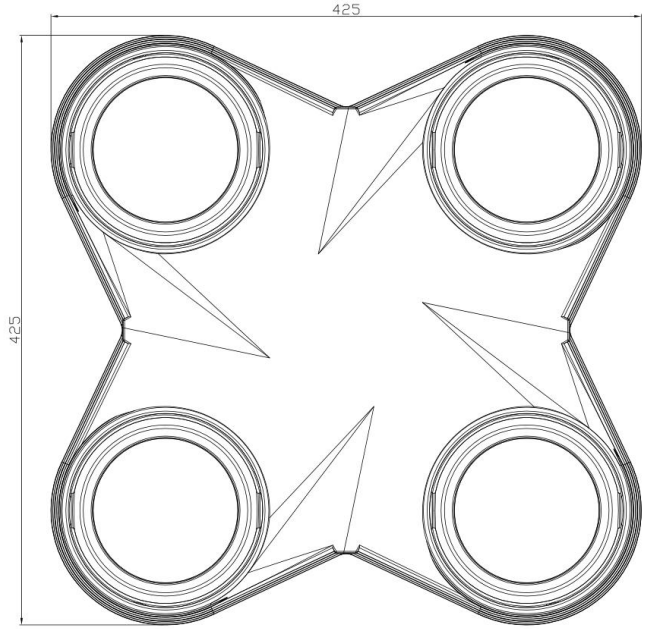
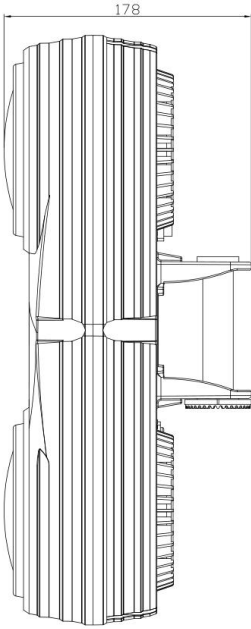
		5000K	128----159
		4500K	160----191
		3500K	192----223
		3000K	224----255
5 CH	W1	from dark to bright	0-255
6 CH	W2	from dark to bright	0-255
7 CH	Shape	shape 1	0----9
		shape 2	10----19
		shape 3	20----29
		shape 4	30----39
		shape 5	40----49
		shape 6	50----59
		shape 7	60----69
		shape 8	70----79
		shape 9	80----89
		shape 10	90----99
		shape 11	100----109
		shape change2	120----129
		shape change3	130----139
		shape change4	140----149
		shape change5	150----255
8 CH	Shape change speed		0-255
9 CH	Shape change fade		0-255

## 16 CH Mode

Channel	Function	Description	Value
1 CH	Dimming	from dark to bright	0-255
2 CH	Dimming fine-adjust	from dark to bright	0-255
3 CH	Strobe	no function	0-15
		strobe (from slow to fast)	16-214
		random strobe	215-255
4 CH	Dimming modes	no function	0----49
		mode 0	50----99
		mode 1	100----149
		mode 2	150----199
		mode 3	200----255
5 CH	Color Temperature choice	No function	0----31
		6500K	32----63
		6000K	64----95
		5500K	96----127
		5000K	128----159
		4500K	160----191
		3500K	192----223
		3200K	224----255
6 CH	Lamp head 1 W	from dark to bright	0-255
7 CH	Lamp head 2 W	from dark to bright	0-255
8 CH	Lamp head 3 W	from dark to bright	0-255

9 CH	Lamp head 4 W	from dark to bright	0-255
10 CH	Lamp head 1 WW	from dark to bright	0-255
11 CH	Lamp head 2 WW	from dark to bright	0-255
12 CH	Lamp head 3 WW	from dark to bright	0-255
13 CH	Lamp head 4 WW	from dark to bright	0-255
14 CH	Shape	shape 1	0----9
		shape 2	10----19
		shape 3	20----29
		shape 4	30----39
		shape 5	40----49
		shape 6	50----59
		shape 7	60----69
		shape 8	70----79
		shape 9	80----89
		shape 10	90----99
		shape 11	100----109
		shape change 1	110----119
		shape change 2	120----129
		shape change 3	130----139
		shape change 4	140----149
shape change 5	150----255		
15 CH	Shape change speed		0-255
16 CH	Shape change fade		0-255

# 5. Shape



## 6. Trouble shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

### **A. The unit does not work, no light and the fan does not work**

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

### **B. Not responding to DMX controller**

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

### **C. One of the channels is not working well**

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

## **7. Fixture Cleaning**

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit' s optics.

Clean with soft cloth using normal glass cleaning fluid.

Always dry the parts carefully.

Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.