

# 8X100w WW COB LED Blinder

## USER MANUAL



**CE RoHS**

<b>MODEL NO.</b>	<b>L-334</b>
<b>NAME</b>	<b>8x100w WW COB LED Blinder</b>

**LEDLA** L-334 WW COB

## Technical Parameter:

- LED: 8 pcs\*100W COB LED
- Light Color: Single Warm white
- LED Life Time: over 50,000 hours
- Voltage :AC100V-240V 50-60Hz
- Power consumption :1040W
- Beam Angle: 40 degree
- Dimmer: 0~100% linearly adjustable
- Strobe effect: Variable speed (1-30Hz)
- Refresh rate : 11700Hz! 100% Flicker Free for film and TV camera
- Color effect feature: With individual control effect
- Power input : Powercorn connector
- House Material: Metal
- House Color: Black
- Control mode: DMX512,Master/Slave, Auto Run, Stand alone, Sound active
- DMX Channel: 4/8CH
- Working temperature: -30°C~40°C
- Cooling: 6 pcs of low noise fans
- IP Grade: IP20
- N.G: 12kg

# 1. Description

## 1.1. Character

### 4 control mode

- **External control mode**
  - ◆ DMX512 controller controller mode ( 2 kind of DMX Channel )
  - ◆ Master/slave
- **Auto mode**
  - ◆ Built-in Program
    - Different kind of Gradual change& Random change
    - Different kind of strobe : speed (slow to fast)、 fix color( Strobe +color、 Strobe +Gradual change).....
  - ◆ Setting Program
    - It can setting the program without the controller , it can setting Gradual change、 jump change、 strobe ...(different effect)
    - And the program data can be down load from master light to slave light
- **Static model**
  - ◆ It can fix the color without the controller ,also can be choose the color with strobe
- **Sound model**
  - ◆ Included 2 kinds of commonly used sound model
- **“Software cutting ”**
  - In the STAR mode , working built-in program /setting program ,the light would be turn off when the dimmer channel as "0" ( procedure would keep working)
  - The difference with “BLACKOUT” key(controller keys) &"Software cutting" : only work this light , and do not clear up the controller data .
- **White color**
  - Setting different color temperature of white color
- **Screen Protection**
  - Without operate key in 30 seconds , it enter black screen. Press any keys then it can quit screen protection.
- **Temperature Protection**
  - It can set to protect the temperature .
- **Speed of the Fan**
  - The fan will be worked when the working temperature reach 40 degree, and the speed will get the faster as the temperature get high.
- **Can be showed reverse display**

## **1.2.Multi-light working in the same time**

When using controller to control several lights , and using strobe , auto mode, the controller just send the channel data . Those effect( strobe ,auto running ,fix color)would be showed by itself. And should be attention for the follow situation:

1. There will be many situation make the light become not synchronization in the beginning. (For example: the different time of opening the light will make them connect the controller in different time) . And you can change the controller table puller data( from 20 to 0, and back to 20), then it can be synchronization.

2. Due to different lights crystal frequency are not exactly equal, so it will become not synchronization after long time.

3. If need to be synchronization for long time, there is 2 approaches:

A. Using the controller to make program make the strobe, auto run effect to be synchronization.

B. Using the Maser/Slave model

# 2.Operation

## 2.1 Key operation

**A.OO I** (1~512)  
**d.OO I** (1~512)  
**RE.O I** (1~10)  
    → **SP.10** (1~20)  
**Sod.I** (1~2)  
**SEAE** → **r.255** (0~255)  
    .....  
    → **SE.OO** (0~20)  
**EENP** → **0**  
    → **E.O80** (40~120)  
**UE.O I** (1~11)  
    → **r.255** (0~255)  
    .....  
**d,SP**  
**r.ESE**

### Menu :

The first list is the main menu (press MENU to exchange), the second list is submenu (press ENTER to get in or exchange)

If the menu include the decimal point, that's the data, and it can be set by the Key of Up/Down.

### Key operation :

Key of "MENU" (Press it and can save the data)

If it's the main menu, it will exchange to next main menu.

If it's the submenu , it will back to main menu.

Key of "ENTER" (Press it and can save the data)

If it's the main menu and it have submenu, it will enter the submenu.

If it's the submenu, it will exchange to the next submenu

### Key of "UP/DOWN"

It's no function if the menu not include the decimal point.

If the menu include the decimal point, it can set the data after the decimal point. And it need to press "ENTER" to save the data.

## 2.2 Menu Data

Menu		State	Operation		Remark
Main Menu	Vice Menu				
<b>A.00 1</b>	No vice menu	A: advance	UP/DOWN	adjust ID <u>adress</u>	disconnect the controller and connect the master light, then it will follow the master light. It will flicker if no signal.
		External control mode (standard channel model)	ENTER	save the ID address	
<b>d.00 1</b>	No vice menu	d: <u>dmx</u>	UP/DOWN	adjust ID <u>adress</u>	
		External control mode (Basic channel model)	ENTER	Save the ID address	
<b>At.0 1</b>	One vice menu	At: auto	UP/DOWN	Choose program	
		Auto run	ENTER	Enter vice menu	
	<b>SP.10</b>	SP: speed	UP/DOWN	Adjust the speed	
		select the speed of auto run	ENTER	Save data	
<b>Sod. 1</b>	None	Sod: sound	UP/DOWN	change to Sound control	
		Sound mode	ENTER	Save data	
<b>StAt</b>	With <u>multi-vice</u> menus	StAt: <u>static</u>	ENTER	Enter vice menu	
		Static model			
	<b>r.255</b> .....	r、G、b、W.....	UP/DOWN	Change the value of led	
		Led set	ENTER	Save data and change to vice menu	
<b>St.00</b>		St: strobe	UP/DOWN	Change the value of strobe	
		Strobe and the speed	ENTER	Save data and change	
<b>tEMP</b>	2 vice menu	<u>tEMP</u> : temperature	ENTER	enter the vice menu	

		temperature control			
	<b>0</b>	current temperature	ENTER	change to vice menu	
	<b>E.080</b>	t: top	UP/DOWN	change the data of temperature protect	
		set the protect temperature	ENTER	save and change	
<b>0E.01</b>	With menus	Wt: white	UP/DOWN		
		Color temperature setting	ENTER	Enter the vice menu	
	<b>r.255</b>	r、G、b、W.....	UP/DOWN	Change the value of led	
	.....	Change the value of color temperature	ENTER	Save data and change to vice menu	
<b>d,SP</b>	No vice menu	<u>diSP</u> : display	ENTER	reverse the display	
		set to show reverse display			
<b>rEST</b>	No vice menu	<u>rEST</u> : reset	ENTER	enter the interface of key	the password is "UP DONW UP DOWN"
		return Initial State			

## 2.3 Channel data

### 2.3.1 Channel

Channel	Data	Function	
1	0~255	Dimmer	
2	0~255	Led 1, Led 2	
3	0~255	Led 3, Led 4	
4	0~255	Led 5, Led 6	
5	0~255	Led 7, Led 8	
6	0~30	No effect	Can be set via menu of "WT.xx"
	31~255	Dimmer	
7	0~10	No strobe	This channel can control the speed when run the inner program
	11~255	The speed of strobe (255 is fasterest)	
8	0~20	Speed of dimmer 4 (slowest and softest)	
	21~40	Speed of dimmer 3	
	41~60	Speed of dimmer 2	
	61~80	Speed of dimmer 1	
	81~99	Speed pf dimmer off (no delay)	
	100~109	Inner program 1	
	.....	.....(each 10 data is a program)	
	190~199	Inner program 10	
	200~240	Change light led by sound model	
	241~255	Strobe by sound model	

Channel	Data	Function
1	0~255	Led 1, Led 2
2	0~255	Led 3, Led 4
3	0~255	Led 5, Led 6
4	0~255	Led 7, Led 8



## SAFETY INSTRUCTIONS

When use this product please pay close attention to the following items.

- 1) The product must be installed by a qualified professional
- 2) The product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warning described in this user manual.
- 3) Manufacture will not with responsibility for those operation not according to this instruction.

### Operation attentions

- 1) Do not connect power cable of other electric products with this unit.
- 2) Do not connect DMX512 signal cable of other electric products with this unit.
- 3) Check the fixture and power cord time to time, make sure the power cord is not crimped or damaged by sharp edges.
- 4) Do not shake the fixture. Avoid brute force when installing or operating, do not permit operation by person not qualified for operating the device.
- 5) Always make sure that the products are connected the proper voltage, and that the line voltage of the products connecting to is not higher than that stated on the decal or rear panel of the fixture.
- 6) During long period of non-use, disconnect the unit's main power
- 7) Do not attempt to operate this unit if the power has been frayed or broken. If the exterior cord of the fixture is damaged, it must be replaced by manufactory, agent or qualified technician.
- 8) There are no serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself.
- 9) Maximum ambient temperature (Ta) is 35°C. Do not operate unit at temperature higher than this
- 10) The surface temperature of the light can reach to 65°C, cool down at least 15 minutes before the light operated.
- 11) Avoid looking into the source directly(especially those who suffer from epileptic fits)
- 12) Do not install the fixture on combustible surface. Always mount this unit in safe and stable mater.

## DISCLAIMER

1. The device is with one year warranty . The warranty period appear non-artificial quality problem, this company is responsible for free maintenance
2. User violate operation caused the machine failure, this is user responsibility.
3. If due to the wrong operation or intense impact caused product destroy even safety accidents, the manufacturer does not undertake any responsibility
4. Prohibit replaced product components by any person, therefore caused any consequences will be whose responsible

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