LED 2x100W CW/WW Blinder

Item Number: LL2100BL

USER MANUAL

This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safety and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacture or dealer will not be held responsible.

Installation:

Ensure the fixture is powered off before installation or maintenance. Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces.

The applicable temperature for this fixture is between 20°F to 104°F. Do not use the fixture under or above this temperature range.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Rigging:

Fix the clamp on truss.

Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point.

Product Specifications:

Voltage: 100-240V, 50/60HZ

Power Socket: PowerCon in/out

Power Consumption: 200W

Average Lifespan: 50,000 hours

DMX Channel: 10/26 CH

Beam Angle: 90 degrees

LED: 2pcs 100W white COB LED (3200K+ 5000K) 72pcs 0.2W SMD5050 RGB LED

Features: 8-Segment + Wash + Flashing

Control Mode: DMX512/Master-slave/Auto/Sound/Master-slave

Strobe: 1-30Hz or random strobe

Dimming: 0% - 100% linear, 32 bits

DMX Connector: 3-pin XLR input/output

IP Rating: IP20

Working Temperature: 14º - 104ºF

Display Menu:

MENU Key: Press to confirm selected functions.

UP Key: Press to go forward in selected functions.

DOWN Key: Press to go backward in selected functions.

ENTER Key: Press to confirm the selected functions.

Display and Operation:

No.	Display	Value	Function
1	**d001**	**001- 512**	set DMX512 address -10channel mode
2	**A001**	**001- 512**	set DMX512 address-26channel mode
3	**r255**	**000 - 255**	left LED cold white dimmer 0-100%
4	**G255**	**000 - 255**	right LED cold white dimmer 0-100%
5	**b255**	**000 - 255**	left LED warm white dimmer 0-100%
6	**u255**	**000 - 255**	right LED warm white dimmer 0-100%
7	**CL01**	**01-08**	COB LED color choose
8	**DE99**	**01 -99**	COB LED color fading change
9	**CP99**	**01 -99**	COB LED color pulse change
10	**SU01**	**01-09**	sound activated
11	**FH01**	**01-16**	23 effects for LED ring
12	**SP01**	**01 -99**	LED ring speed

MENU key:
Press menu key in normal mode to enter edit mode. Press this key while in editing status to return to the previous directory. After entering edit mode, if there is no buttons are pressed for 30 seconds, the light will automatically exit the edit mode.

UP key:
Press the up key to increase the address value. Continuously holding down this key will quickly increase the address value. If there is no button pressed for 30 seconds, it will automatically exit the flash status. Pressing this key in edit mode will select the function menu in the current level directory from bottom to top (as shown in the table below).

DOWN key:
Press down key in normal mode to decrease the address value. Continuously holding down this key will quickly decrease the address value. If there is no button pressed for 30 seconds, it will automatically exit the flash status. Pressing this key in edit mode will select the function menu in the current level directory in order from top to bottom (see table below).

ENTER key:
Pressing the enter key in normal mode has no effect. Pressing this key in edit mode will enter the next level directory of the current menu function item. Please refer to the operations in each function menu for specific operations.

10 Channel Mode

Channel	Function	Details
CH1	W1	left LED cold white dimmer 0-100%
CH2	W2	right LED cold white dimmer 0-100%
CH3	Y1	left LED warm white dimmer 0-100%
CH4	Y2	right LED warm white dimmer 0-100%
CH5	inner LED ring function	0-25 ：DMX dimmer 26-35：red 36-45：green 46-55：blue 56-65：white 66-75：yellow 76-85：purple 86-95：LED chasing effect 1 96-10：LED chasing effect 2 106-11：LED chasing effect 3 116-12：LED chasing effect 4 126-135：LED chasing effect 5 136-145：LED chasing effect 6 146-155：LED chasing effect 7 156-165：LED chasing effect 8 166-175：LED chasing effect 9 176-185：LED chasing effect 10 186-195：LED chasing effect 11 196-205：LED chasing effect 12 206-215：LED chasing effect 13 216-225：LED chasing effect 14 226-235：LED chasing effect 15 236-245：LED chasing effect 16 246-255：cycle LED chasing effect
CH6	inner ring speed	inner led ring function speed, slow to fast
CH7	inner ring direction	0-30：works clockwise 31-60：works anti-clockwise 61-80：works from outside to inside and rotates 81-120：works from inside to outside and rotates 121-150：left LED works clockwise 151-180：left LED works anti-clockwise

		181-220：right LED works clockwise
		221-255：right LED works anti-clockwise
CH8	outer ring function	0-25 ：DMX dimmer 26-35：red 36-45：green 46-55：blue 56-65：white 66-75：yellow 76-85：purple 86-95：LED chasing effect 1 96-10：LED chasing effect 2 106-11：LED chasing effect 3 116-12：LED chasing effect 4 126-135：LED chasing effect 5 136-145：LED chasing effect 6 146-155：LED chasing effect 7 156-165：LED chasing effect 8 166-175：LED chasing effect 9 176-185：LED chasing effect 10 186-195：LED chasing effect 11 196-205：LED chasing effect 12 206-215：LED chasing effect 13 216-225：LED chasing effect 14 226-235：LED chasing effect 15 236-245：LED chasing effect 16 246-255：cycle LED chasing effect
CH9	outer ring speed	outer ring function speed slow to fast
CH10	outer ring direction	0-30：works clockwise 31-60：works anti-clockwise 61-80：works from outside to inside and rotates 81-120：works from inside to outside and rotates 121-150：left LED works clockwise 151-180：left LED works anti-clockwise 181-220：right LED works clockwise 221-255：right LED works anti-clockwise

26 Channel Mode

Channel	Function	Details
CH1	master dimmer	master dimmer
CH2	W1	left LED cold white dimmer 0-100%
CH3	W2	right LED cold white dimmer 0-100%
CH4	Y1	left LED warm white dimmer 0-100%
CH5	Y2	right LED warm white dimmer 0-100%
CH6	master strobe	master strobe slow to fast
CH7	COB function	0-50: DMX dimmer 51-100: static color output 101-150: jumping change 151-200: fading effect 201-250: pulse effect 251-255: sound activated
CH8	COB function speed	COB function speed slow to fast
CH9	inner ring R	red dimmer 0-100%
CH10	inner ring G	green dimmer 0-100%
CH11	inner ring B	blue dimmer 0-100%
CH12	inner ring function	0-25 ：DMX dimmer 26-35：red 36-45：green 46-55：blue 56-65：white 66-75：yellow 76-85：purple 86-95：LED chasing effect 1 96-10：LED chasing effect 2 106-11：LED chasing effect 3 116-12：LED chasing effect 4 126-135：LED chasing effect 5 136-145：LED chasing effect 6 146-155：LED chasing effect 7 156-165：LED chasing effect 8 166-175：LED chasing effect 9 176-185：LED chasing effect 10 186-195：LED chasing effect 11 196-205：LED chasing effect 12 206-215：LED chasing effect 13

		216-225：LED chasing effect 14
		226-235：LED chasing effect 15
		236-245：LED chasing effect 16
		246-255：cycle LED chasing effect
CH13	inner ring function speed	inner ring function speed slow to fast
CH14	inner ring function direction	0-30：works clockwise 31-60：works anti-clockwise 61-80：works from outside to inside and rotates 81-120：works from inside to outside and rotates 121-150：left LED works clockwise 151-180：left LED works anti-clockwise 181-220：right LED works clockwise 221-255：right LED works anti-clockwise
CH15	inner ring R background	background red
CH16	inner ring G background color	background green
CH17	inner ring B background color	background blue
CH18	outer ring R	red dimmer 0-100%
CH19	outer ring G	green dimmer 0-100%
CH20	outer ring B	blue dimmer 0-100%
CH21	outer ring function	outer ring function
CH22	outer ring function speed	outer ring function speed slow to fast
CH23	outer ring function direction	outer ring function direction
CH24	outer ring R background	background red
CH25	outer ring G background	background green
CH26	outer ring B background	background blue

Symbol Instruction on Fixture:

CE certificate

RoHS certificate