USER MANUAL

LED BAR8 V2

LCG-003 V2
(240pcs-RGB-8 section-IR)

Index

Please read over this manual before operating the light

1.Summarize

➢ Summarize

Thank you for purchasing our LED wall wash LCG-003 V2 lighting. Please read these instructions carefully before begin and operate the fixtures according to these instructions to avoid any possible damages and accidents causes by misusage.

➢ Products introduction

This LCG-003 V2 is covered by tensile aluminum, designed in a fashion of hydrodynamic form. It uses high power R,G,B 3 kinds LED. Each kind of LED can be independently dimmed. It uses power switch, performs low weight and consumption, stable capability and long life. The built-in program includes dimmer, strobe, water change, gradual change, fading and so on. International standard DMX 512 signal is requested.

➢ Packing list

- ➢ LED BAR8 V2 (LCG-003 V2)   1PC
- ➢ bracket   2 pcs
- ➢ T-shaped screw   2 pcs
- ➢ The user manual
- ➢ IR remote control
- ➢ Warranty Card

2. Safety Instructions

➢ Please keep this User Manual 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 fixture.

➢ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.

➢ It's important to ground the yellow/green conductor to earth in order ot avoid electric shock.

➢ Disconnect main power before servicing and maintenance.

➢ Use safety chain when fixes this fixture. Don't handle the fixture by taking its head only, but always by taking its base.

➢ Maximum ambient temperature is TA: 40°C. Don't operate it where the temperature is higher than this.

➢ The unit is for indoor use only. Use only in a dry location.

➢ Don't connect the device to any dimmer pack.

➢ Make sure there are no flammable materials close to the unit while operating, as it is fire hazard.

➢ The housing or the lenses must be replaced if they are visibly damaged

➢ Do not allow children to operate the unit.

➢ Replace fuse only with the same type.

➢ 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.

➢ Disconnect the mains power if the unit is not used for a long time

➢ Do not look directly at the Led Light beam while the unit is on

➢ To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.

3. 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. Always ensure 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 unit must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

4. Outside Size Picture
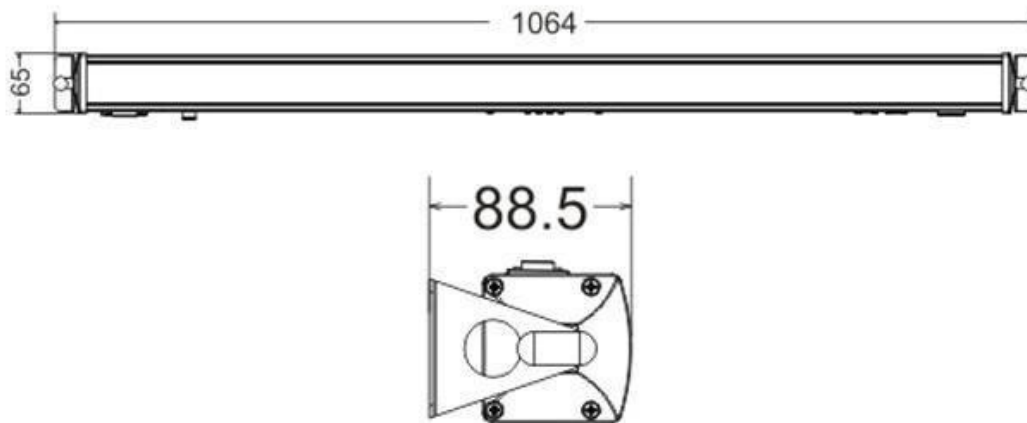
5. Main Function

- LEDS: 240pcs (96pcs red, 72pcs green, 72pcs blue) 10mm LEDs

- Beam angle: 25°

- Black aluminum material

- 3 pin female XLR socket and 3 pin male XLR socket

- U-Ground socket Power in & Power out

- Maximun link number: 10pcs

- LED display for easier operation.

- Built-in programs, Auto running, DMX mode, M/S, sound-active mode, static color, IR Remote

- DMX-512:30CH/25CH/25CH./24CH/18CH/12CH/9CH/4CH/4CH./3CH selectable channels

- Power consumption: 18W

- Power supply: AC100-240V 50/60Hz

- Weight: 2.6kgs

- Size: 1070*65*88mm

6. DMX Control Function

➤ DMX Channels

30CH

CHANNEL	NAME	CHANNEL	NAME
1	DIM ALL	16	B5
2	R1	17	R6
3	G1	18	G6
4	B1	19	B6
5	R2	20	R7
6	G2	21	G7
7	B2	22	B7
8	R3	23	R8
9	G3	24	G8
10	B3	25	B8
11	R4	26	SHUT

12	G4	27	AUTO
13	B4	28	AUTO SPEED
14	R5	29	FOREGROUND COLOR
15	G5	30	BACKGROUND COLOR

25CH.

CHANNEL	NAME	CHANNEL	NAME
1	R1	14	G5
2	G1	15	B5
3	B1	16	R6
4	R2	17	G6
5	G2	18	B6
6	B2	19	R7
7	R3	20	G7
8	G3	21	B7
9	B3	22	R8
10	R4	23	G8
11	G4	24	B8
12	B4	25	DIM ALL
13	R5		

25CH

CHANNEL	NAME	CHANNEL	NAME
1	DIM ALL	14	R5
2	R1	15	G5
3	G1	16	B5
4	B1	17	R6
5	R2	18	G6
6	G2	19	B6
7	B2	20	R7
8	R3	21	G7
9	G3	22	B7
10	B3	23	R8
11	R4	24	G8
12	G4	25	B8
13	B4		

24CH

CHANNEL	NAME	CHANNEL	NAME
1	R1	13	R5
2	G1	14	G5
3	B1	15	B5
4	R2	16	R6
5	G2	17	G6
6	B2	18	B6
7	R3	19	R7
8	G3	20	G7
9	B3	21	B7
10	R4	22	R8
11	G4	23	G8
12	B4	24	B8

18CH

CHANNEL	NAME
1	DIM ALL
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	SHUT
15	AUTO
16	AUTO SPEED
17	FOREGROUND COLOR
18	BACKGROUND COLOR

4CH.

CHANNEL	NAME
1	R
2	G
3	B
4	DIM ALL

4CH

CHANNEL	NAME
1	DIM ALL
2	R
3	G
4	B

9CH

CHANNEL	NAME
1	DIM ALL
2	R
3	G
4	B
5	SHUT
6	AUTO

12CH

CHANNEL	NAME
1	DIM ALL
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2
8	SHUT
9	AUTO
10	AUTO SPEED
11	FOREGROUND COLOR
12	BACKGROUND COLOR

7	AUTO SPEED
8	FOREGROUND COLOR
9	BACKGROUND COLOR

3CH

CHANNEL	NAME
1	R
2	G
3	B

NAME	VALU	FUNCTION
DIM	0-255	DARK->LIGHT
RED	0-255	DARK->LIGHT
GREE	0-255	DARK->LIGHT
BLUE	0-255	DARK->LIGHT
SHUT	0-10	No strobe
	11-255	Strobe(slow to fast)
AUTO	0-5	NO EFFECT
	6-10	AUTO01: R, G, B, RG, RB, GB, RGB(color snap)
	11-15	AUTO02: R↑,R↓,G↑,G↓,B↑,B↓,R↑G↑,R↓G↓,R↑B↑,R↓B↓,G↑B↑,G↓B↓(color fade)
	16-20	AUTO03: B,BG↑,BG,B↓G,G,GR↑,GR,G↓R,R,RB↑,RB,R↓B(Rainbow effect)
	21-25	AUTO04: each piece change color individually
	26-30	AUTO05: Each piece rainbow effect
	31-35	AUTO06: one piece step running
	36-40	AUTO07: two pieces step running
	41-45	AUTO08: two space two pieces step running
	46-50	AUTO09: four pieces step running
	51-55	AUTO10: 1 to 8 open then 1 to 8 dark
	56-60	AUTO11: 1 to 8 open then 8 to 1 open
	61-65	AUTO12: two pieces random
	66-70	AUTO13: one piece random
	71-75	AUTO14: center to side open then dark
	76-80	AUTO15: side to center open then dark

	81-85	AUTO16: 8 to 1 open
	86-90	AUTO17: two piece right to left open
	91-95	AUTO18: two piece left to right open then reverse
	96-100	AUTO19: 1 to 8 step running then reverse
	101-	AUTO20: two pieces step running then reverse
	106-	AUTO21: side to center steps then center to side steps
	111-	AUTO22: Collection of AT06-AT21
	116-	CHASE1
	121-	CHASE2
	126-	CHASE3
	131-	SOUND 1:SOUND CHANGE COLOR(Sensitivity use menu setting)
	141-	SOUND 1:SOUND CHANGE COLOR(Sensitivity from low to high)
	171-	SOUND 2:SOUND STROBE(WHITE COLOR ONLY,Sensitivity use menu setting)
	181-	SOUND 2:SOUND STROBE(WHITE COLOR ONLY,Sensitivity use menu setting)
	211-	SOUND 3:SOUND COLUMN(Sensitivity use menu setting)
	221-	SOUND 3:SOUND COLUMN(Sensitivity from low to high)
	251-	RESERVED
Foreground color and background color(only when AUTO06 TO AUTO	0-10	DARK
	11-20	R
	21-30	G
	31-40	B
	41-50	RG
	51-60	RB
	61-70	GB
	71-80	RGB
	91-255	DARK
AUTO	0-255	AUTO SPEED,FAST->SLOW

7. Display Operation instruction
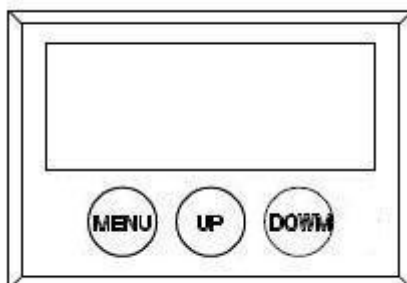
- ➢ MENU : access the menu or return to a previous menu option
- ➢ ENTER:(Press MENU hold 0.5S) select the current menu option or save setting
- ➢ UP: Selection or parameter increments
- ➢ DOWN: Selection or parameters decrease

Menu Tree:

TA	LEVEL1	LEVE	LEVEL3	LEVEL4
ADDR(Address	001-512			
STAT(Stat ic	R	0-255*		
	G	0-255*		
	B	0-255*		
	SHUT	0-255*		
SET(Set)	CHMD(Chan ne l mode)	30CH/25CH/25CH./24CH/18C H/		
	DISY(Displ ay set)	ON(Permanent on)		
		2MIN (2 minutes off)		
AUTO(Auto)	CHS1 (Chase	RUN.. *		
	CHS2 (Chase	RUN.. *		
	CHS3 (Chase	RUN.. *		
	SOU1	1-15-30* (Sensitivity from low to high)		
	SOU2	1-15-30* (Sensitivity from low to high)		
	SOU3	1-15-30* (Sensitivity from low		

				to high)		
PROG (Program)	CHS1 (Chase 1)	SC01 (Scene 1)		DIM(Dimmer)	0-255	
	.	.		R1	0-255	
	.	.		G1	0-255	
	.	.		B1	0-255	
	.	.		R2	0-255	
	.	.		G2	0-255	
	.	.		B2	0-255	
	.	.		SHUT	0-255	
	.	.		AUTO	NONE,AT01-AT22	
	.	.		ATSP	0-255	
	.	.		FRON(foreground color)	NONE,R,G,B,RG,RB,GB,RGB	
	.	.		BACK(background color)	NONE,R,G,B,RG,RB,GB,RGB	
	.	.		TIME	0-255(S)	
	.	.		WAIT	0-25.5(S)	
	.	.		USE	YES/NO	
	.	SC30 (Scene 30)				
	CHS3 (Chase					
LOAD(Load)	ST L (Setting	YES/NO				
	PR L (Program	YES/NO				
SEND(Send)	YES/NO					
INFO(Information	SOFT(Software version)	Vx.x				

Illustrations: When enter to the "*" position displayed on the LED, the projector will automatically set as master and send data to external. Other projectors will synchronously running without manually set as slaver. When power cycle it will jump to the "*" position and running again. And in these position it will not return back to the default display after two minutes.

6.1 DMX ADDRESS SETTING

1) Press the 【ENTER】 button in 【ADDR】 menu, then enter to the DMX address setting.
2) Press the【UP/DOWN】button to select【1-512】numerical value.

3) Press the【ENTER】button to escape and save.

6.2 STATIC SETTING

1) Press the【ENTER】button in 【STAT】menu, then enter to the static setting.

2) Press the【UP/DOWN】 button to select 【RED】, 【GREEN】, 【BLUE】…【SHUT】.

3) Press the【UP/DOWN】button to set up the【0-255】numerical value.

4) Press the【ENTER】button to escape and save.

6.3 CHANNEL MODE SETTING

1) Press the【ENTER】button in 【CHMD】menu, then enter to the channel mode setting.

2) Press the【UP/DOWN】button to select【30CH】, 【25CH】, 【25CH.】, 【24CH】, 【18CH】, 【12CH】, 【9CH】, 【4CH】, 【4CH.】, 【3CH】

3) Press the【ENTER】button to escape and save.

6.4 DISPLAY SETTING

1) Press the【ENTER】button in【DISY】menu, then enter to the display setting.

2) Press the【UP/DOWN】button to select【ON】, 【2 MINITES OFF】

3) Press the【ENTER】button to escape and save.

6.5 AUTO RUN, SELF-PROGRAM RUNNING

1)Press the【ENTER】button in【AUTO】menu, then enter to the auto run,self-program run.

2)Press the【UP/DOWN】button to select【CHASE01】…【SOUND03】

3)Press the【ENTER】button to start running.

6.6 EDIT SELF-PROGRAM

1) Press the【ENTER】button in【PROG】menu, then enter to the edit self-program.

2) Press the【UP/DOWN】button to select【CHASE01】…【CHASE03】

3) Press the【ENTER】button for confirmation and enter to the next menu.
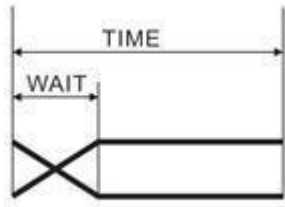
4) Press the【UP/DOWN】button to select【SCENE01】…【SCENE30】

5) Press the【ENTER】button for confirmation and enter to the next menu.

6) Then press the【UP/DOWN】button to select【DIMMER】,【RED1】…【SHUT】, 【TIME】... 【WAIT】, 【USE】

7) Press the【UP/DOWN】button to set up the parameter which are needed.

8) Press the【ENTER】button t o escape and save.

Illustrations: When【USE】 is set to be【NO】, or the parameter of【TIME】 is 0, it will not run this scene.When 【WAIT】 is set to be FADE time, the running process is as the following chart showing.

6.7 IGHTING SETTING PARAMETER RESET

1) Press the【ENTER】button in【ST L】menu, then enter to the lighting setting parameter reset.

2) Press the【UP/DOWN】button to select【YES】.

3) Press the【ENTER】button to escape and save.

Illustrations： "ADDR" and "PROG" are not reset, the others reset to the underlined value of the word.

6.8 【PROG】SELF-PROGRAMMING PARAMETER RESET

1) Press the【ENTER】button in【PR L】menu, then enter to the【PROG】self-programming parameter reset.

2) Press the【UP/DOWN】button to select【YES】.

3) Press the【ENTER】button to escape and save.

6.9 LIGHTING PARAMETER DOWNLOADING EACH OTHER VIA DMX CABLE

1) Press the【ENTER】button in【SEND】menu, then enter to sending parameter to other fixtures.

2) Press the【UP/DOWN】button to select【YES】.

3) Press the【ENTER】button to confirm sending.

Illustrations:

1)Please disconnect the connection of projector and DMX console before sending the parameter.

2)The information of【ADDR】can't be sent, can't be downloaded each other.The others include

【PROG】all will be send for quickly setting same parameters between all fixtures.

3)There will be an automatic reset of the other projectors after receiving parameter correctly.

8. Infrared keyboard operation
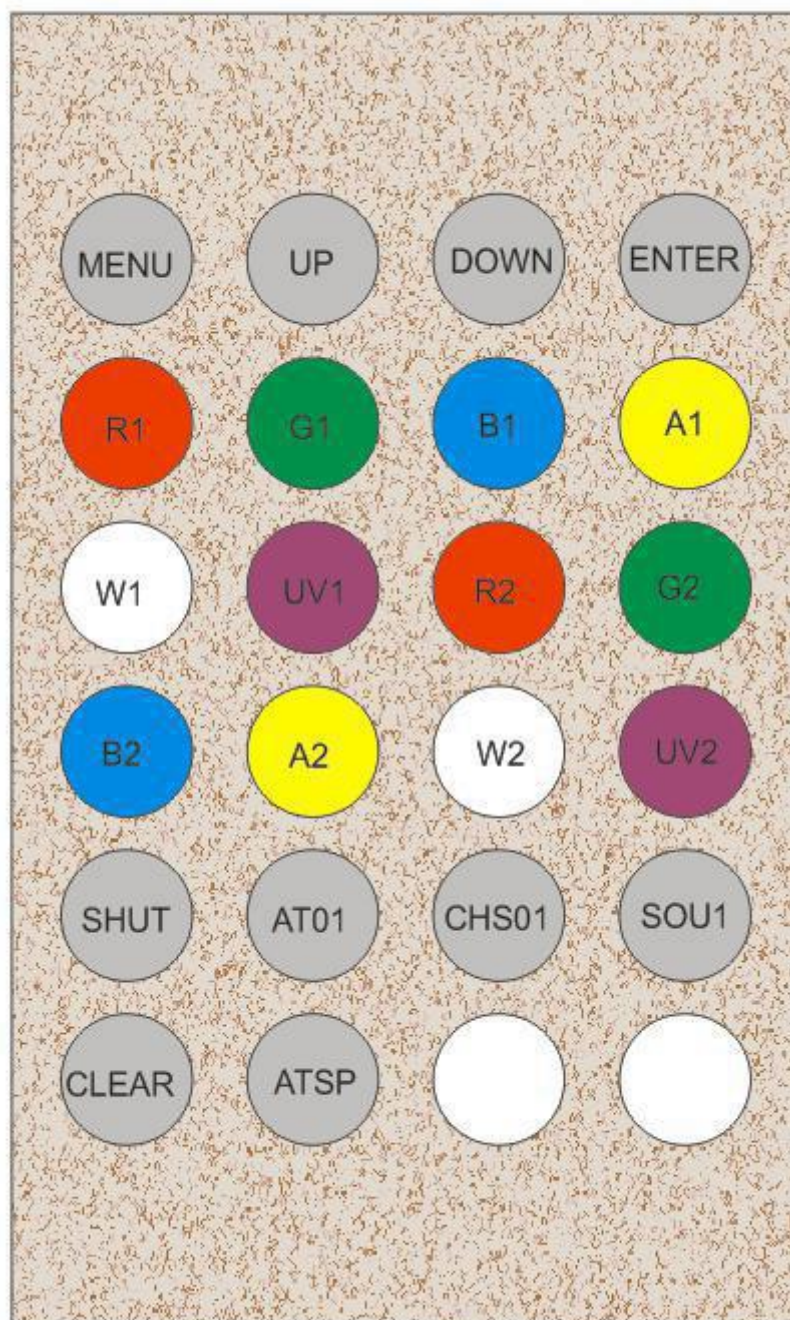
1) 【MENU】, 【UP】, 【DOWN】, 【ENTER】 is same as the keys on the fixture.

2) 【R1】, 【G1】, 【B1】, 【R2】, 【G2】, 【B2】, 【SHUT】is shortcut for 【STAT】.

3) 【CHS01】, 【SOU1】 is correspond to the positon of 【CHS01】, 【SOU1】 in the MENU.

4) 【CLEAR】 is clear the value of 【STAT】 item then save and reset.

5) Other keys is no used.

6) When IR operating the screen also will display corresponding to the relative content.

9. Troubleshooting

PROBLEM	REASON AND ACTION
The lighting can't be started normally	● Check the power connection is correct or not. ● Please detect the voltage. ● Power supply is damaged or incorrect connected. Call a qualified personnel to fix it. ● Connection of control board is not correct. Call a qualified
Out of console's control	● Please check the DMX connector and the power connection is connected correctly or not. It means having signal if it shows twinkling of the decimal point which in the lower right corner of the screen when exiting the screen saver. ● Please check the DMX address setting of lighting is correct or not. ● Check 【CHMD】 setting is correct or not. ● Please check whether the DMX line is near to the high voltage wire or not. In that case, it will damage or interfere the DMX electric circuit.