

## Specifications

**Model: 14PCS\*30W 3in1 LED WASH LIGHT**

LED: 14x 30Watt RGB 3in1

Working Position: Any safe working position

Voltage: 90V/240V 50/60Hz

Power Draw: 450W

Casing: Aluminum Alloy Casing

Net Weight: 6.7Kg

Package Size: Dimensions: 1110(L) x 180 (W) x230 (H)mm

Colors: RGB color Mixing

DMX Channels: 2/3/5/8/42/44 DMX channels

IP:IP65

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

## Users Manual

### Professional Pixel Bar 14 X 30W



This system is easy to operate, humanization design, dimmer without shake.  
It can suitable video, photo and TV studio.

## 1、KEY AND DISPLAY FUNCTIONS

### 1.1. Key instruction



MENU: Table1 function loops add;

UP: function value add;

DOWN: function value decrease;

ENTER: save the setting;

### 1.2. Display instruction

No.	Show	Value	Function
1	d001	001- 512	DMX512 Address ,2 Channels mode

2	ID01	ID01-ID70	Convenient 42 Channels mode DMX512 Address set:  ID1: dmx512 address is 001(42 Channels mode);  ID2: dmx512 address is 043(42 Channels mode);  .....
3	R255	000 - 255	Red Dimming, From dark to light
4	G255	000 - 255	Green Dimming, From dark to light
5	B255	000 - 255	Blue Dimming, From dark to light
6	FF99	00 - 99	RGB Strobe,Speed from slow to fast
7	1JP0	0 - 9	Jump effect 01,Speed from slow to fast
8	2JP0	0 - 9	Jump effect 02,Speed from slow to fast
9	3JP0	0 - 9	Jump effect 03,Speed from slow to fast
10	4JP0	0 - 9	Jump effect 04,Speed from slow to fast
11	5JP0	0 - 9	Jump effect 05,Speed from slow to fast

CH15	000-255	5# Red Dimming, From dark to light
CH16	000-255	5# Green Dimming, From dark to light
CH17	000-255	5# Blue Dimming, From dark to light
CH18	000-255	6# Red Dimming, From dark to light
CH19	000-255	6# Green Dimming, From dark to light

CH20	000-255	6# Blue Dimming, From dark to light
CH21	000-255	7# Red Dimming, From dark to light
CH22	000-255	7# Green Dimming, From dark to light
CH23	000-255	7# Blue Dimming, From dark to light
CH24	000-255	8# Red Dimming, From dark to light
CH25	000-255	8# Green Dimming, From dark to light
CH26	000-255	8# Blue Dimming, From dark to light
CH27	000-255	9# Red Dimming, From dark to light
CH28	000-255	9# Green Dimming, From dark to light
CH29	000-255	9# Blue Dimming, From dark to light
CH30	000-255	10# Red Dimming, From dark to light
CH31	000-255	10# Green Dimming, From dark to light
CH32	000-255	10# Blue Dimming, From dark to light
CH33	000-255	11# Red Dimming, From dark to light
CH34	000-255	11# Green Dimming, From dark to light
CH35	000-255	11# Blue Dimming, From dark to light
CH36	000-255	12# Red Dimming, From dark to light
CH37	000-255	12# Green Dimming, From dark to light
CH38	000-255	12# Blue Dimming, From dark to light
CH39	000-255	13# Red Dimming, From dark to light
CH40	000-255	13# Green Dimming, From dark to light
CH41	000-255	13# Blue Dimming, From dark to light
CH42	000-255	14# Red Dimming, From dark to light
CH43	000-255	14# Green Dimming, From dark to light
CH44	000-255	14# Blue Dimming, From dark to light

CH22	000-255	8# Red Dimming, From dark to light
CH23	000-255	8# Green Dimming, From dark to light
CH24	000-255	8# Blue Dimming, From dark to light
CH25	000-255	9# Red Dimming, From dark to light
CH26	000-255	9# Green Dimming, From dark to light
CH27	000-255	9# Blue Dimming, From dark to light
CH28	000-255	10# Red Dimming, From dark to light
CH29	000-255	10# Green Dimming, From dark to light
CH30	000-255	10# Blue Dimming, From dark to light
CH31	000-255	11# Red Dimming, From dark to light
CH32	000-255	11# Green Dimming, From dark to light
CH33	000-255	11# Blue Dimming, From dark to light
CH34	000-255	12# Red Dimming, From dark to light
CH35	000-255	12# Green Dimming, From dark to light
CH36	000-255	12# Blue Dimming, From dark to light
CH37	000-255	13# Red Dimming, From dark to light
CH38	000-255	13# Green Dimming, From dark to light
CH39	000-255	13# Blue Dimming, From dark to light
CH40	000-255	14# Red Dimming, From dark to light
CH41	000-255	14# Green Dimming, From dark to light
CH42	000-255	14# Blue Dimming, From dark to light

#### 44 Channels Mode: (fast dimming mode)

Channel	DMX Value	Function
CH1	000-255	RGB Total Dimming, From dark to light
CH2	007-255	RGB Strobe,SPEED FROM SLOW TO
CH3	000-255	1# Red Dimming, From dark to light
CH4	000-255	1# Green Dimming, From dark to light
CH5	000-255	1# Blue Dimming, From dark to light
CH6	000-255	2# Red Dimming, From dark to light
CH7	000-255	2# Green Dimming, From dark to light
CH8	000-255	2# Blue Dimming, From dark to light
CH9	000-255	3# Red Dimming, From dark to light
CH10	000-255	3# Green Dimming, From dark to light
CH11	000-255	3# Blue Dimming, From dark to light
CH12	000-255	4# Red Dimming, From dark to light
CH13	000-255	4# Green Dimming, From dark to light
CH14	000-255	4# Blue Dimming, From dark to light

12	6JP0	0 - 9	Jump effect 06,Speed from slow to fast
13	7JP0	0 - 9	Jump effect 07,Speed from slow to fast
14	8JP0	0 - 9	Jump effect 08,Speed from slow to fast
15	9JP0	0 - 9	Loops jump effect 01 to 08
16	1dE0	0 - 9	Red shade effect,Speed from slow to fast
17	2dE0	0 - 9	Green shade effect,Speed from slow to fast
18	3dE0	0 - 9	Blue shade effect,Speed from slow to fast
19	4dE0	0 - 9	Pink shade effect,Speed from slow to fast
20	5dE0	0 - 9	Yellow shade effect,Speed from slow to fast
21	6dE0	0 - 9	Loops red to yellow shade effect ,Speed from slow to fast
22	Sud0	0 - 9	Sound active,Speed from slow to fast
23	CH02	02/03/05/ 08/42/44/56	DMX channel mode set
24		000	Temperature display

## 2 、DMX512 Configuration

### 2 Channels Mode:

Channel	DMX Value	Function
CH1	000-005	Null
	006-016	Red

	017-027	Green
	028-038	Blue
	039-049	Yellow
	050-060	Pink
	061-071	Cyan
	072-082	White
	083-093	Jump effect 01
	094-104	Jump effect 02
	105-115	Jump effect 03
	116-126	Jump effect 04
	127-137	Jump effect 05
	138-148	Jump effect 06
	149-159	Jump effect 07
	160-170	Jump effect 08
	171-181	Loops jump effect 01 to 08
	182-192	Red shade effect
	193-203	Green shade effect
	204-214	Blue shade effect
	215-225	Pink shade effect
	226-236	Yellow shade effect
	237-247	Loops red to yellow shade effect
	248-255	Sound active
CH2	000-255	Speed from slow to fast

### 3 Channels Mode:(fast dimming mode)

Channel	DMX Value	Function
CH1	000-255	Red Dimming, From dark to light
CH2	000-255	Green Dimming, From dark to light
CH3	000-255	Blue Dimming, From dark to light

### 6 Channels Mode: (dimming speed is optional)

Channel	DMX Value	Function
CH1	000-255	RGB Total Dimming, From dark to light
CH2	000-255	Red Dimming, From dark to light
CH3	000-255	Green Dimming, From dark to light
CH4	000-255	Blue Dimming, From dark to light
CH5	007-255	RGB Strobe Speed, from slow to fast
CH6	007-255	Dimming speed,from slow to fast

### 9 Channels Mode: (dimming speed is optional)

Chan	DMX Value	Function
CH1	000-255	RGB Total Dimming, From dark to light
CH2	007-255	RGB Strobe,Speed from slow to fast
CH3	000-005	Null
	006-015	Customize effect 1#--13#;
	016-025	CH1: dimming
	026-035	CH2 superimposed strobe effect;
	036-045	
	046-055	CH5 select background colors;
	056-065	
	066-075	CH6-CH8: select effect colors;
	076-085	
	086-095	
	096-105	
	106-115	
	116-125	
	126-135	
	136-145	Jump effect 01
	146-155	Jump effect 02
	156-165	Jump effect 03
	166-175	Jump effect 04
	176-185	Jump effect 05
	186-195	Jump effect 06
	196-205	Jump effect 07
	206-215	Jump effect 08
	216-225	Loops jump effect 01 to 08
	226-235	Yellow shade effect
	236-245	Loops red to yellow shade effect
	246-255	Sound active
CH4	000-255	Effects Speed from slow to fast
CH5	000-255	
CH6	000-255	Red Dimming, From dark to light
CH7	000-255	Green Dimming, From dark to light
CH8	000-255	Blue Dimming, From dark to light
CH9	000-255	Dimming speed,from slow to fast

#### 42 Channels Mode: (fast dimming mode)

Channel	DMX Value	Function
CH1	000-255	1# Red Dimming, From dark to light
CH2	000-255	1# Green Dimming, From dark to light
CH3	000-255	1# Blue Dimming, From dark to light

CH4	000-255	2# Red Dimming, From dark to light
CH5	000-255	2# Green Dimming, From dark to light
CH6	000-255	2# Blue Dimming, From dark to light
CH7	000-255	3# Red Dimming, From dark to light
CH8	000-255	3# Green Dimming, From dark to light
CH9	000-255	3# Blue Dimming, From dark to light
CH10	000-255	4# Red Dimming, From dark to light
CH11	000-255	4# Green Dimming, From dark to light
CH12	000-255	4# Blue Dimming, From dark to light
CH13	000-255	5# Red Dimming, From dark to light
CH14	000-255	5# Green Dimming, From dark to light
CH15	000-255	5# Blue Dimming, From dark to light
CH16	000-255	6# Red Dimming, From dark to light
CH17	000-255	6# Green Dimming, From dark to light
CH18	000-255	6# Blue Dimming, From dark to light
CH19	000-255	7# Red Dimming, From dark to light
CH20	000-255	7# Green Dimming, From dark to light
CH21	000-255	7# Blue Dimming, From dark to light

#### 56 Channel mode (fast dimming mode)

通道	功能	说明
CH1	000-255	第 1 颗灯珠总调光, 由暗到亮
CH2	000-255	R1 红色调光, 由暗到亮
CH3	000-255	G1 绿色调光, 由暗到亮
CH4	000-255	B1 蓝色调光, 由暗到亮
CH5	000-255	第 2 颗灯珠总调光, 由暗到亮
CH6	000-255	R2 红色调光, 由暗到亮
CH7	000-255	G2 绿色调光, 由暗到亮
CH8	000-255	B2 蓝色调光, 由暗到亮

CH9	000-255	第 3 颗灯珠总调光，由暗到亮
CH10	000-255	R3 红色调光，由暗到亮
CH11	000-255	G3 绿色调光，由暗到亮
CH12	000-255	B3 蓝色调光，由暗到亮
...	...	...
...	...	...
...	...	...
CH53	000-255	第 14 颗灯珠总调光，由暗到亮
CH54	000-255	R5 红色调光，由暗到亮
CH55	000-255	G5 绿色调光，由暗到亮
CH56	000-255	B5 蓝色调光，由暗到亮