brighter

PRO BAR 18IP

18x18W RGBWAUV Waterproof Pixelbar

This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place

User manual

Please read the instructions carefully before use

Thanks for your choosing our product, which adopts the latest light source-LED. It overcomes the disadvantages of traditional light source (Such as high electricity consumption, short life, high temperature, etc.) LED can save much energy, with long life, high brightness, bright colours. It is the ideal product on all kinds of lighting fields at present.

SAFTY INFORMATION

1. This unit belongs to class 1 protective lights, so the lights must be grounded well. Should be grounded by the professional.
2. Please confirm the voltage is among the proper value.
3. Please confirm the power cord is undamaged.
4. Please cut off the power before cleaning the lights.
5. Only permitted to connect the power cord with the plug.
6. Be careful when installing the light. Don't touch the bare wire, to avoid the electric shock.
7. When choosing the installing position, please confirm the light is not exposed to the high temperature.
8. Please use proper, applicable and safe wires to connect the light.
9. Please don't operate it until you know the light's function well.
10. Please don't modify the light at will, which can cause short circuit, burn, electric shock, etc. Otherwise the manufacturer won't consider warranty.

Technical Specifications:

- Light source: 18pcs 6in1 LEDs
- Beam Angle: 25 degrees
- Independently controlled LEDs
- Control: DMX512, Sound Active, Master/Slave
- DMX: 11/29/108/119 channels
- IP65
- 1-20Hz Strobe
- Working temperature -30 to 40*C

MENU MAP

No.	Display	Functions
1	A001	CH code，add code by changing B.C button（001—512）
2	29ch/11ch/119ch/108ch	Choosing CH （options: 29CH,11CH,119CH,108CH by changing C.B Button)
3	CC00	Color jump to change,by changing B.C button to modify the speed. (01—99）
4	Ed00	Color pulse，by changing B.C button to changed the speed.（01—99）
5	Er00	Color running 1，by changing B.C button to changed the speed. （01—99） (Setting ID to have water running effects by a group light work.)
6	Po00	Color running 2，by changing B.C button to changed the speed.（01—99） (Setting ID to have water running effects by a group light work.)
7	tr00	ways of running effect，（00—8） by changing B.C button to changed the ways.
8	tU00	Speed of running effect，（00—99） by changing B.C button to changed the speed.
9	BE50	Sound control running change. by changing B.C button to change the sensitivity.

No.	Display	Functions
10	R200	R color，（000—255）.
11	G200	B color，（000—255）
12	B200	G color，（000—255）
13	W200	W color，（000—255）
14	Y200	Y color，（000—255）
15	P200	P color，（000—255）
16	ID00	DMX 512 ID，（01—14） change B.C to modify ID. (a group of lights working, can have a group pixel running effects).

DMX-512 control

1. 11 channel mode

Channels	Functions	Explanation
CH1	General Dimmer	R.G B.W.Y.P linear 0%~100% dimmer. from dark to bright.
CH2	General strobe	R.G.B. W.Y.P Strobe, from slow to fast
CH3	Control Mode Selection 1	0--25： Null 26--35： Null 36--45： Color running（jump）；(with different Id ,can do color water running effect with a group of lights, CH1,CH6~ ~CH9 available) 46--55： Color running (fade)；（with different Id ,can do color water running effect with a group of lights, CH1,CH6~ ~CH9 available） 56--65： color choosing；（CH1,CH2 available） 66--75： color jump；（CH1,CH2 available） 76--85： color fade ,color pulse；（CH1,CH2 available） 86--95： fade running water effect 1；（CH1 available） 96--105： fade running water effect 2；（CH1 available） ...... 146--155： fade running water effect 7；（CH1 available） 156--165 ： running water effect 8 ；（ CH1,CH6~ ~CH9 available） ...... 236--245 ： running water effect 15 ；（ CH1,CH6~ ~CH9 available） 246--255： Sound control；（CH1,CH6~ ~CH9 available）
CH4	Control Mode Selection 2	0--30： Null 31--45 ： running water effect 1 ；（ CH1,CH6~ ~CH11 available） 46--60 ： running water effect 2 ；（ CH1,CH6~ ~CH11 available） ...... 240--255 ： running water effect 2 ；（ CH1,CH6~ ~CH11 available）
	Control mode 3	Direction of water-running effect；（0--127： left；128--255： right；）
CH5	Control mode speed	From slow to fast
CH6	R dimmer	R linear 0%~100% dimmer, dark to bright.
CH7	G dimmer	G linear 0%100% dimmer,dark to bright.
CH8	B dimmer	B linear 0%~100% dimmer, dark to bright.
CH9	W dimmer	W linear 0%~100% dimmer, dark to bright.
CH10	Y dimmer	Y linear 0%~100% dimmer, dark to bright.
CH11	P dimmer	P linear 0%~100% dimmer, dark to bright.

2. 29 channel mode

Channels	Functions	Explanation
CH4	Control Mode Selection 2	1--30： Null 32--45： running water effect 1；（CH1,CH6~ ~CH11 available） 47--60： running water effect 2；（CH1,CH6~ ~CH11 available） …… 240--255： running water effect 15；（CH1,CH6~ ~CH11available）
	Control mode 3	Direction of water-running effect；（0--127： left；128-- 255： right；）
CH5	Control mode speed	From slow to fast
CH6	R dimmer	R linear 0%~100% dimmer, dark to bright.
CH7	G dimmer	G linear 0%100% dimmer,dark to bright.
CH8	B dimmer	B linear 0%~100% dimmer, dark to bright.
CH9	W dimmer	W linear 0%~100% dimmer, dark to bright.
CH10	Y dimmer	Y linear 0%~100% dimmer, dark to bright.
CH11	P dimmer	P linear 0%~100% dimmer, dark to bright.
CH12	Dimmer 1	R、G、B ,W.Y.P dimmer
CH13	Dimmer 2	R、G、B ,W.Y.P dimmer
CH14	Dimmer 3	R、G、B ,W.Y.P dimmer
CH15	Dimmer 4	R、G、B ,W.Y.P dimmer
……	……	…………
CH29	Dimmer 14	R、G、B, W.Y.P dimmer
Channels	Functions	Explanation
CH1	General Dimmer	R.G B.W.Y.P A linear 0%~100% dimmer. from dark to bright.
CH2	General strobe	R.G.B. W.Y.P. Strobe, from slow to fast
CH3	Control Mode Selection 1	0--25： Null 26--35： Null 36--45： Color running（jump）；(with different Id ,can do color water running effect with a group of lights, CH1,CH6~ ~CH6 available) 46--55： Color running (fade)；（with different Id ,can do color water running effect with a group of lights, CH1,CH6~ ~CH6 available） 56--65： color choosing；（CH1 available） 66--75： color jump；（CH1 available） 76--85： color fade ,color pulse；（CH1 available） 86--95： fade running water effect 1；（CH1 available） 96--105： fade running water effect 2；（CH1 available） …… 147--155： fade running water effect 7；（CH1 available） 157--165： running water effect 8；（CH1,CH6~ ~CH11 available） …… 236--245： running water effect 15；（CH1,CH6~ ~CH11

3. 119 channel mode

Channels	Functions	Explanation
CH1	General Dimmer	R.G B.W.Y.P A linear 0%~100% dimmer. from dark to bright.
CH2	General strobe	R.G.B.W. Y. P Strobe, from slow to fast
CH3	Control Mode Selection 1	0--25: Null 26--35: choose color running. (CH1~CH20) 36--45: Color running (jump); (with different Id ,can do color water running effect with a group of lights, CH1~CH6 available) 46--55: Color running (fade); (with different Id ,can do color water running effect with a group of lights, CH1~CH6 available) 56--65: color choosing; (CH1 available) 66--75: color jump; (CH1 available) 76--85: color fade ,color pulse; (CH1 available) 86--95: fade running water effect 1; (CH1 available) 96--105: fade running water effect 2; (CH1 available) ...... 148--155: fade running water effect 7; (CH1 available) 158--165 : running water effect 8 ; (CH1,CH6~ ~CH11 available) ...... 236--245 : running water effect 15 ; (CH1,CH6~ ~CH11 available) 246--255: Sound control; (CH1,CH6~ ~CH11 available)
CH4	Control Mode Selection 2	2--30: Null 33--45 : running water effect 1 ; (CH1,CH6~ ~CH11 available) 48--60: running water effect 2; (CH1,CH6~ ~CH11 available) ...... 240--255 : running water effect 15 ; (CH1,CH6~ ~CH922 available)
	Control mode 3	Direction of water-running effect; (0--127: left; 128--255: right;)
CH5	Control mode speed	From slow to fast
CH6	R dimmer	R linear 0%~100% dimmer, dark to bright.
CH7	G dimmer	G linear 0%100% dimmer,dark to bright.
CH8	B dimmer	B linear 0%~100% dimmer, dark to bright.
CH9	W dimmer	W linear 0%~100% dimmer, dark to bright.
CH10	Y dimmer	Y linear 0%~100% dimmer, dark to bright.
CH11	P dimmer	P linear 0%~100% dimmer, dark to bright.

CH12	R1	R1 linear 0%~100% dimmer, dark to bright.
CH13	G1	G1 linear 0%100% dimmer, dark to bright.
CH14	B1	B1 linear 0%~100% dimmer, dark to bright.
CH15	W1	W1 linear 0%~100% dimmer, dark to bright.
CH16	R2	Y1 linear 0%~100% dimmer, dark to bright.
CH17	G2	P1 linear 0%100% dimmer, dark to bright.
CH18	B2	R2 linear 0%~100% dimmer, dark to bright.
CH19	W2	G2 linear 0%~100% dimmer, dark to bright.
....	....	....
CH119	P 18	P18 linear 0%~100% dimmer, dark to bright.

4. 108 channel mode

Channels	Functions	Explanation
CH1	R1 dimmer	R1 linear 0%~100% dimmer, dark to bright.
CH2	G1 dimmer	G1 linear 0%~100% dimmer, dark to bright.
CH3	B1 dimmer	B1 linear 0%~100% dimmer, dark to bright.
CH4	W1 dimmer	W1 linear 0%~100% dimmer, dark to bright.
CH5	Y1 dimmer	Y1 linear 0%~100% dimmer, dark to bright.
CH6	P1 dimmer	P1 linear 0%~100% dimmer, dark to bright.
CH7	R2 dimmer	R2 linear 0%~100% dimmer, dark to bright.
CH8	G2 dimmer	G2 linear 0%~100% dimmer, dark to bright.
....	....	....
CH108	P18 dimmer	P18 linear 0%~100% dimmer, dark to bright.