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## PRO BAR 18IP

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**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

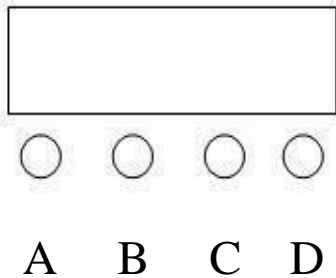
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User manual

**Please read the instructions carefully before use**

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# 1. The introduction of led display panel:



- A. Menu
- B. UP
- C. Down
- D. Enter
- E. Led display Window

Operating introduction: Press A button, there will be 8 different functions.  
 The first two letters stands for functions (Refer to Diagram 2).  
 The last two letters stands for DMX Address or speed.  
 You can modify it with B or C button. And press D button for confirmation.

# 2. Functions from led display window(Press D to confirm all the functions).

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.
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	A color, (000—255)
15	P200	UV 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).

### 3. DMX512 11 CH Explanation

Channels	Functions	Explanation
CH1	General Dimmer	R.G. B.W.A.UV linear 0%~100% dimmer. from dark to bright.
CH2	General strobe	R.G.B. W.A.UV 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	A linear 0%~100% dimmer, dark to bright.
CH11	P dimmer	UV linear 0%~100% dimmer, dark to bright.

#### 4. DMX512 29CH Explanation

Channels	Functions	Explanation
CH1	General Dimmer	R.G. B.W.A.UV A linear 0%~100% dimmer. from dark to bright.
CH2	General strobe	R.G.B. W.A.UV. 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 available) 246--255: Sound control; (CH1,CH6~CH11 available)
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	A linear 0%~100% dimmer, dark to bright.
CH11	P dimmer	UV linear 0%~100% dimmer, dark to bright.
CH12	Dimmer 1	R、 G、 B、 W. A. UV dimmer
CH13	Dimmer 2	R、 G、 B、 W. A. UV dimmer
CH14	Dimmer 3	R、 G、 B、 W. A. UV dimmer
CH15	Dimmer 4	R、 G、 B、 W. A. UV dimmer
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CH29	Dimmer 14	R、 G、 B、 W. A. UV dimmer

## 5.DMX512 119 CH Explanation

Channels	Functions	Explanation
CH1	General Dimmer	R.G. B.W. A.UV. A linear 0%~100% dimmer. from dark to bright.
CH2	General strobe	R.G.B.W. A.UV Strobe, from slow to fast

CH3	Control Mode Selection 1	<p>0--25: Null</p> <p>26--35: choose color running. (CH1~CH20)</p> <p>36--45: Color running (jump) ; (with different Id ,can do color water running effect with a group of lights, CH1~CH6 available)</p> <p>46--55: Color running (fade); (with different Id ,can do color water running effect with a group of lights, CH1~CH6 available)</p> <p>56--65: color choosing; (CH1 available)</p> <p>66--75: color jump; (CH1 available)</p> <p>76--85: color fade ,color pulse; (CH1 available)</p> <p>86--95: fade running water effect 1; (CH1 available)</p> <p>96--105: fade running water effect 2; (CH1 available)</p> <p>.....</p> <p>148--155: fade running water effect 7; (CH1 available)</p> <p>158--165 : running water effect 8 ; ( CH1,CH6~ ~CH11 available)</p> <p>.....</p> <p>236--245 : running water effect 15 ; ( CH1,CH6~ ~CH11 available)</p> <p>246--255: Sound control; (CH1,CH6~ ~CH11 available)</p>
CH4	Control Mode Selection 2	<p>2--30: Null</p> <p>33--45: running water effect 1; (CH1,CH6~ ~CH11 available)</p> <p>48--60: running water effect 2; (CH1,CH6~ ~CH11 available)</p> <p>.....</p> <p>240--255 : running water effect 15 ; ( CH1,CH6~ ~CH922 available)</p>
	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	A linear 0%~100% dimmer, dark to bright.
CH11	P dimmer	UV 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	A1 linear 0%~100% dimmer, dark to bright.
CH17	G2	UV1 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.
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CH119	P 18	P18 linear 0%~100% dimmer, dark to bright.

## 6. DMX512 108 CH Explanation

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	A1 linear 0%~100% dimmer, dark to bright.
CH6	P1 dimmer	UV1 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	UV18 linear 0%~100% dimmer, dark to bright.

## 7. Fixture features:

Easy to operate, humanization designed, flicker free. Stable. Applicable to photograph, camera.

## 8. Parameter:

Voltage: AC100~240V,50-60HZ

LED source: 18pcs 18w 6in1 LED

Control model: DMX512, Auto, M/S,Sound

Channels: 11/29/8119ch/108CH

Effects: dimmer,color jump, color fade, flash, color choose, color pulse,water running

Dimmer: 0~100% linear dimming

Flash:1~20HZ

Lens: chrysanthemum type high transparent PMMA second optical lens

Beam angle: 25 degree

Dimensions: 1050\*110\*170mm

Weight: 7.2kg

Housing color: Black/Silver

IP grade: IP65

Working temperature: -30℃~--