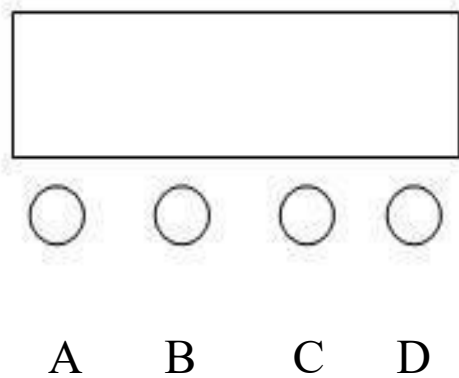# PRO BAR 18IP

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

1. The introduction of led display panel：

A. Menu
B. UP
C. Down
D. Enter

E. Led display Window

A   B   C   D

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	Channel code，add code by changing B.C buttons （001— 512）
2	29ch/11ch/119ch/108ch	Choosing Channel（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	Red　　　　（000—255）. color，
11	G200	Blue color，（000—255）
12	B200	Green color，（000—255）
13	W200	White color，（000—255）
14	Y200	Amber 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	A dimmer	A linear 0%~100% dimmer, dark to bright.
CH11	UV 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	A dimmer	A linear 0%~100% dimmer, dark to bright.
CH11	UV 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
......	....	....
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	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	A dimmer	A linear 0%~100% dimmer, dark to bright.
CH11	UV dimmer	UV linear 0%~100% dimmer, dark to bright.

Channels	Functions	Explanation
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	A1	A1 linear 0%~100% dimmer, dark to bright.
CH17	UV1	UV1 linear 0%100% dimmer,dark to bright.
CH18	R2	R2 linear 0%~100% dimmer, dark to bright.
CH19	G2	G2 linear 0%~100% dimmer, dark to bright.
......	....	....
CH119	UV 18	UV 18 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	A1 dimmer	A1 linear 0%~100% dimmer, dark to bright.
CH6	UV1 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	UV18 dimmer	UV 18 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℃~-50℃