Squareled
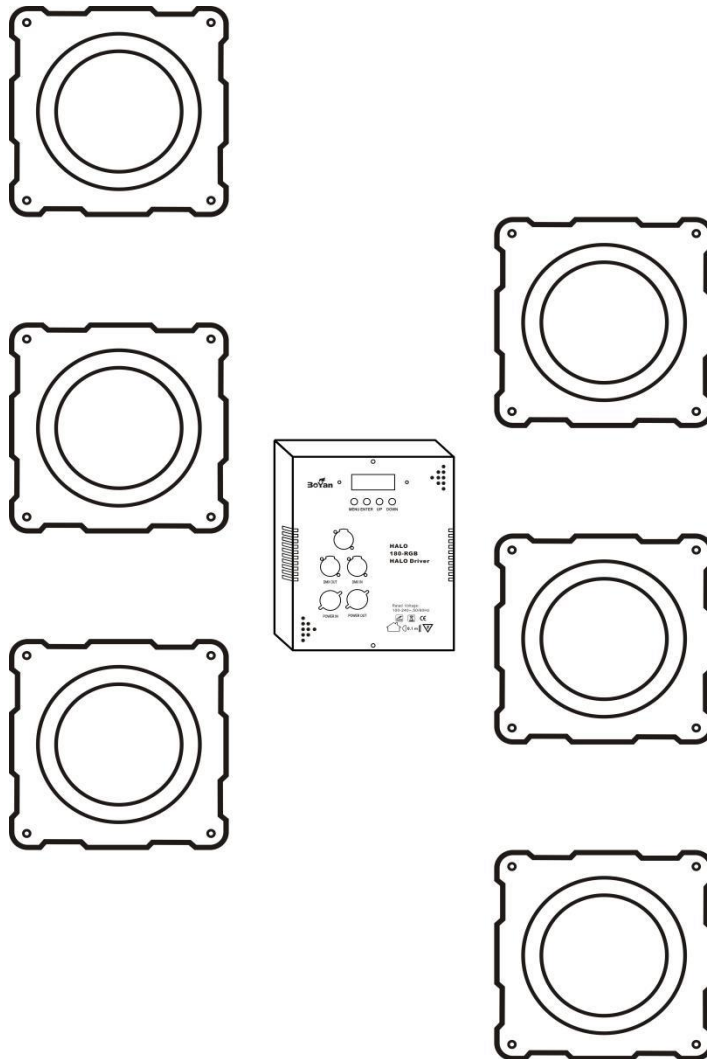
User Manual: Squareled Bonjour Set / 6 panels + 1 driver
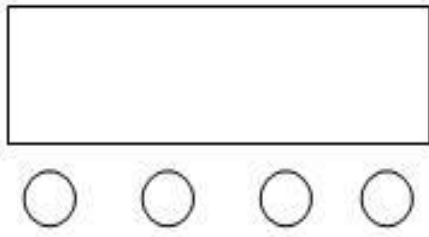
SquareLED

Bonjour Set
6 panles + 1 driver

USER MANUAL

Please read this before you use this device

SquareLED Bonjour Set Manual

1. Schematics Section

A. Menu

B. Up

C. Down

D. Enter

A　　B　　C　　D

Operating Instructions: Press A the menu, it will show different function effects, press B or C can modify the parameter values. Press the D to enter.

2. LED display Functional chart (All the functions are according to the selected and then press the D to enter.)

No.	Display	Functional Specification
1	CH4/CH7/CH18/CH108/CH432/CH436	6 channels mode selection
2	d001	Channels DMX address（001—512） B、C up and down DMX address values
3	r255	Red dimmer (r001-r255) B、C key adjust red brightness
4	g255	Green dimmer (g001-g255) B、C key adjust green brightness

5	b255	Blue dimmer (b001-b255) B、C key adjust blue brightness
6	Pr01	Built-in program selection B、C key select built-in program
7	SP01	Built-in program speed (SP01-SP16) B、C key adjust built-in program speed
8	DISP	Flip display set
9	T000	Current light source operating temperature

3. DMX512 Channels description

a. 4 Channels

Channel	Function	Illustration
CH1	Master dimmer	Red, Green, Blue master dimmer (0-255) Linear dimmer, from dark to bright
CH2	Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH3	Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH4	Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright

b. 7 Channels

Channel	Function	Illustration
CH1	Master dimmer	Red, Green, Blue master dimmer (0-255) Linear dimmer, from dark to bright
CH2	Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH3	Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH4	Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH5	Color mixing	Color mixing group
CH6	Built-in program	The first 7 channels are enabled (0-15) (16-255) are built-in programs.
CH7	Built-in program speed	The higher the value, the slower the speed (0-255) 0 is the fastest speed

c. 18 Channels

Channel	Function	Illustration
CH1	The first Halo Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH2	The first Halo Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH3	The first Halo Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH4	The second Halo Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH5	The second Halo Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH6	The second Halo Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH7	The third Halo Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH8	The third Halo Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH9	The third Halo Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH10	The fourth Halo Red	Red dimmer (0-255)

Channel	Function	Illustration
	dimmer	Linear dimmer, from dark to bright
CH11	The fourth Halo Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH12	The fourth Halo Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH13	The fifth Halo Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH14	The fifth Halo Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH15	The fifth Halo Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH16	The sixth Halo Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH17	The sixth Halo Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH18	The sixth Halo Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright

d. 108 Channels

Channel	Function	Illustration
CH1	The first Halo the first edge Red dimmer	Red dimmer (0-255)

		Linear dimmer, from dark to bright
CH2	The first Halo the first edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH3	The first Halo the first edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH4	The first Halo the second edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH5	The first Halo the second edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH6	The first Halo the second edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH7	The first Halo the third edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH8	The first Halo the third edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH9	The first Halo the third edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH10	The first Halo the fourth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH11	The first Halo the fourth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH12	The first Halo the fourth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright

CH13	The first Halo the fifth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH14	The first Halo the fifth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH15	The first Halo the fifth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH16	The first Halo the sixth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH17	The first Halo the sixth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH18	The first Halo the sixth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
....	....	....
CH91	The sixth Halo the first edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH92	The sixth Halo the first edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH93	The sixth Halo the first edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH94	The sixth Halo the second edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH95	The sixth Halo the second edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright

CH96	The sixth Halo the second edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH97	The sixth Halo the third edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH98	The sixth Halo the third edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH99	The sixth Halo the third edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH100	The sixth Halo the fourth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH101	The sixth Halo the fourth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH102	The sixth Halo the fourth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH103	The sixth Halo the fifth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH104	The sixth Halo the fifth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH105	The sixth Halo the fifth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH106	The sixth Halo the sixth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH107	The sixth Halo the sixth	Green dimmer (0-255)

Channel	Function	Illustration
	edge Green dimmer	Linear dimmer, from dark to bright
CH108	The sixth Halo the sixth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright

e. 432 Channels

Channel	Function	Illustration
CH1	The first Halo the first segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH2	The first Halo the first segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH3	The first Halo the first segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH4	The first Halo the second segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH5	The first Halo the second segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH6	The first Halo the second segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH7	The first Halo the third segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH8	The first Halo the third	Green dimmer (0-255)

	segment Green dimmer	Linear dimmer, from dark to bright
CH9	The first Halo the third segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH10	The first Halo the fourth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH11	The first Halo the fourth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH12	The first Halo the fourth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH13	The first Halo the fifth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH14	The first Halo the fifth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH15	The first Halo the fifth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH16	The first Halo the sixth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH17	The first Halo the sixth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH18	The first Halo the sixth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH19	The first Halo the seventh segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright

CH20	The first Halo the seventh segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH21	The first Halo the seventh segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH22	The first Halo the eighth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH23	The first Halo the eighth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH24	The first Halo the eighth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH25	The first Halo the ninth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH26	The first Halo the ninth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH27	The first Halo the ninth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
....	....	....
CH70	The first Halo the twenty-fourth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH71	The first Halo the twenty-fourth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH72	The first Halo the twenty-fourth segment Blue	Blue dimmer (0-255)

Channel	Function	Illustration
	dimmer	Linear dimmer, from dark to bright
....	....	....
CH430	The sixth Halo the twenty-fourth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH431	The sixth Halo the twenty-fourth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH432	The sixth Halo the twenty-fourth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright

f. 436 Channels

Channel	Function	Illustration
CH1	Master dimmer	Red, Green, Blue master dimmer (0-255) Linear dimmer, from dark to bright
CH2	The first Halo the first segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH3	The first Halo the first segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH4	The first Halo the first segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH5	The first Halo the second	Red dimmer (0-255)

	segment Red dimmer	Linear dimmer, from dark to bright
CH6	The first Halo the second segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH7	The first Halo the second segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH8	The first Halo the third segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH9	The first Halo the third segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH10	The first Halo the third segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH11	The first Halo the fourth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH12	The first Halo the fourth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH13	The first Halo the fourth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH14	The first Halo the fifth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH15	The first Halo the fifth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH16	The first Halo the fifth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright

CH17	The first Halo the sixth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH18	The first Halo the sixth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH19	The first Halo the sixth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH20	The first Halo the seventh segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH21	The first Halo the seventh segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH22	The first Halo the seventh segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH23	The first Halo the eighth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH24	The first Halo the eighth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH25	The first Halo the eighth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH26	The first Halo the ninth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH27	The first Halo the ninth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH28	The first Halo the ninth	Blue dimmer (0-255)

	segment Blue dimmer	Linear dimmer, from dark to bright
....	....	....
CH71	The first Halo the twenty-fourth segment Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH72	The first Halo the twenty-fourth segment Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH73	The first Halo the twenty-fourth segment Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
....	....	....
CH431	The sixth Halo the twenty-fourth edge Red dimmer	Red dimmer (0-255) Linear dimmer, from dark to bright
CH432	The sixth Halo the twenty-fourth edge Green dimmer	Green dimmer (0-255) Linear dimmer, from dark to bright
CH433	The sixth Halo the twenty-fourth edge Blue dimmer	Blue dimmer (0-255) Linear dimmer, from dark to bright
CH434	Color mixing	Color mixing group
CH435	Built-in program	The first 7 channels are enabled (0-15) (16-255) are built-in programs.
CH436	Built-in program speed	The higher the value, the slower the speed (0-255) 0 is the fastest speed

4. Notice:

After power-on, the address code shows d001, the LED is not bright; plug in the console signal line, turn on the console power supply, when receiving the DMX512 console signal, the address code shows A001, at this time the control of the controlled station signal.

5. Technical Specification

Voltage: AC100V-240V,50/60Hz

Power: 200W

Light Source: 6*144pcs SMD RGB(Tri-color) LEDs

Pixel Matrix: 6x144

Lifespan: 100,000 hours

Function: Individual control of each RGB

Built-in programs: effects with color, dimming, strobe and chases

Dimmer: 0-100% linear dimmer

Strobe: 0-20 times/sec

Channel: 4/7/18/108/432/436CH optional

Control Mode: DMX512 / Auto mode

Number of connectors: 1 (Locking 5-pin XLR, female)

IP Rate: IP56

Panel size: 320*320*30mm   Weight: 1KG

Controller size: 200*210*70mm   Weight: 2KG

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