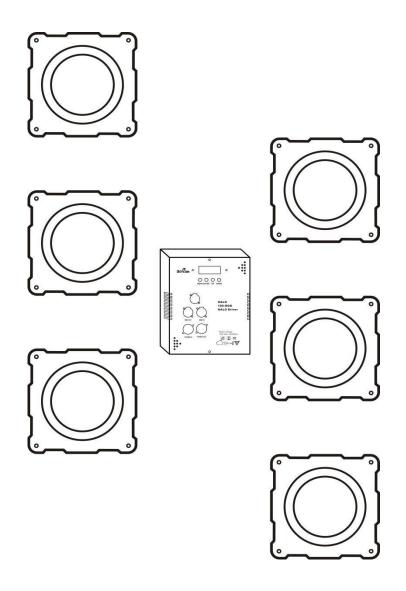


# User Manual: Squareled Bonjour Set / 6 panels + 1 driver

# **SquareLED**

Bonjour Set 6 panles + 1 driver

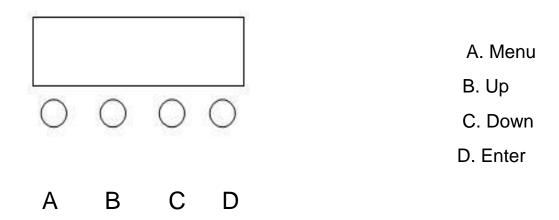
**USER MANUAL** 



Please read this before you use this device

SquareLED Bonjour Set Manual

### 1. Schematics Section



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/CH 432/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)
3		B、C key adjust blue brightness
	D-01	Built-in program selection
6	Pr01	B、C key select built-in program
7	SP01	Built-in program speed (SP01-SP16)
,	5101	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)
CH1 Master dimmer		Linear dimmer, from dark to bright
CHO	D. J. J	Red dimmer (0-255)
CH2	Red dimmer	Linear dimmer, from dark to bright
CH2	C I'	Green dimmer (0-255)
СНЗ	Green dimmer	Linear dimmer, from dark to bright
CHA	Dlyg dimmor	Blue dimmer (0-255)
CH4	Blue dimmer	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)
0112	2000 0	Linear dimmer, from dark to bright
СНЗ	Green dimmer	Green dimmer (0-255)
	Green dimmer	Linear dimmer, from dark to bright
CH4	Blue dimmer	Blue dimmer (0-255)
	Dide diffinier	Linear dimmer, from dark to bright
CH5	Color mixing	Color mixing group
СН6	Built-in program	The first 7 channels are enabled (0-15)
	Dant in program	(16-255) are built-in programs.
CH7	Built-in program	The higher the value, the slower the speed (0-255)
	speed	0 is the fastest speed

### c. 18 Channels

Channel	Function	Illustration
CH1	The first Halo Red	Red dimmer (0-255)
CIII	dimmer	Linear dimmer, from dark to bright
CH2	The first Halo Green	Green dimmer (0-255)
	dimmer	Linear dimmer, from dark to bright
СНЗ	The first Halo Blue	Blue dimmer (0-255)
CHS	dimmer	Linear dimmer, from dark to bright
CH4	The second Halo Red	Red dimmer (0-255)
CH	dimmer	Linear dimmer, from dark to bright
CH5	The second Halo Green dimmer	Green dimmer (0-255)
CHS		Linear dimmer, from dark to bright
CH6	The second Halo Blue dimmer	Blue dimmer (0-255)
CHO		Linear dimmer, from dark to bright
CH7	The third Halo Red	Red dimmer (0-255)
CIII	dimmer	Linear dimmer, from dark to bright
СН8	The third Halo Green dimmer	Green dimmer (0-255)
CHO		Linear dimmer, from dark to bright
СН9	The third Halo Blue dimmer	Blue dimmer (0-255)
		Linear dimmer, from dark to bright
CH10	The fourth Halo Red	Red dimmer (0-255)

	dimmer	Linear dimmer, from dark to bright
CH11	The fourth Halo Green dimmer	Green dimmer (0-255)
CIIII		Linear dimmer, from dark to bright
CH12	The fourth Halo Blue	Blue dimmer (0-255)
CIIIZ	dimmer	Linear dimmer, from dark to bright
CH13	The fifth Halo Red	Red dimmer (0-255)
CIIIS	dimmer	Linear dimmer, from dark to bright
CH14	The fifth Halo Green dimmer	Green dimmer (0-255)
CIII4		Linear dimmer, from dark to bright
CH15	The fifth Halo Blue dimmer	Blue dimmer (0-255)
CIIIS		Linear dimmer, from dark to bright
CH16	The sixth Halo Red dimmer	Red dimmer (0-255)
CITIO		Linear dimmer, from dark to bright
CH17	The sixth Halo Green dimmer	Green dimmer (0-255)
CIII/		Linear dimmer, from dark to bright
СН18	The sixth Halo Blue dimmer	Blue dimmer (0-255)
		Linear dimmer, from dark to bright

### d. 108 Channels

Channel	Function	Illustration
СН1	The first Halo the first edge Red dimmer	Red dimmer (0-255)

		Linear dimmer, from dark to bright
CHO	The first Halo the first edge	Green dimmer (0-255)
CH2	Green dimmer	Linear dimmer, from dark to bright
СНЗ	The first Halo the first edge	Blue dimmer (0-255)
СПЭ	Blue dimmer	Linear dimmer, from dark to bright
CH4	The first Halo the second	Red dimmer (0-255)
CII4	edge Red dimmer	Linear dimmer, from dark to bright
CH5	The first Halo the second	Green dimmer (0-255)
CHS	edge Green dimmer	Linear dimmer, from dark to bright
CH6	The first Halo the second	Blue dimmer (0-255)
СН6	edge Blue dimmer	Linear dimmer, from dark to bright
CH7	The first Halo the third edge Red dimmer	Red dimmer (0-255)
CH/		Linear dimmer, from dark to bright
CH8	The first Halo the third edge Green dimmer	Green dimmer (0-255)
СПо		Linear dimmer, from dark to bright
СН9	The first Halo the third	Blue dimmer (0-255)
СП9	edge Blue dimmer	Linear dimmer, from dark to bright
CU10	The first Halo the fourth edge Red dimmer	Red dimmer (0-255)
CH10		Linear dimmer, from dark to bright
CH11	The first Halo the fourth edge Green dimmer	Green dimmer (0-255)
CIIII		Linear dimmer, from dark to bright
CU12	The first Halo the fourth edge Blue dimmer	Blue dimmer (0-255)
CH12		Linear dimmer, from dark to bright

CH12	The first Halo the fifth edge Red dimmer	Red dimmer (0-255)
CH13		Linear dimmer, from dark to bright
CHIA	The first Halo the fifth edge	Green dimmer (0-255)
CH14	Green dimmer	Linear dimmer, from dark to bright
CH15	The first Halo the fifth edge	Blue dimmer (0-255)
CIII3	Blue dimmer	Linear dimmer, from dark to bright
CH16	The first Halo the sixth	Red dimmer (0-255)
CITIO	edge Red dimmer	Linear dimmer, from dark to bright
CH17	The first Halo the sixth	Green dimmer (0-255)
CIII7	edge Green dimmer	Linear dimmer, from dark to bright
CH18	The first Halo the sixth edge Blue dimmer	Blue dimmer (0-255)
CIIIo		Linear dimmer, from dark to bright
CH91	The sixth Halo the first edge Red dimmer	Red dimmer (0-255)
CH91		Linear dimmer, from dark to bright
CH92	The sixth Halo the first	Green dimmer (0-255)
CII)2	edge Green dimmer	Linear dimmer, from dark to bright
CH93	The sixth Halo the first	Blue dimmer (0-255)
C1193	edge Blue dimmer	Linear dimmer, from dark to bright
CH94	The sixth Halo the second	Red dimmer (0-255)
СПУ4	edge Red dimmer	Linear dimmer, from dark to bright
CU05	The sixth Halo the second edge Green dimmer	Green dimmer (0-255)
CH95		Linear dimmer, from dark to bright

CHOC	The sixth Halo the second	Blue dimmer (0-255)
CH96	edge Blue dimmer	Linear dimmer, from dark to bright
CHOZ	The sixth Halo the third	Red dimmer (0-255)
CH97	edge Red dimmer	Linear dimmer, from dark to bright
CH98	The sixth Halo the third	Green dimmer (0-255)
C1178	edge Green dimmer	Linear dimmer, from dark to bright
CH99	The sixth Halo the third	Blue dimmer (0-255)
CHI)	edge Blue dimmer	Linear dimmer, from dark to bright
CH100	The sixth Halo the fourth	Red dimmer (0-255)
CIIIOO	edge Red dimmer	Linear dimmer, from dark to bright
CH101	The sixth Halo the fourth edge Green dimmer	Green dimmer (0-255)
СПО		Linear dimmer, from dark to bright
CH102	The sixth Halo the fourth	Blue dimmer (0-255)
CH102	edge Blue dimmer	Linear dimmer, from dark to bright
CH103	The sixth Halo the fifth	Red dimmer (0-255)
CHIUS	edge Red dimmer	Linear dimmer, from dark to bright
CH104	The sixth Halo the fifth	Green dimmer (0-255)
СП104	edge Green dimmer	Linear dimmer, from dark to bright
СП105	The sixth Halo the fifth	Blue dimmer (0-255)
CH105	edge Blue dimmer	Linear dimmer, from dark to bright
CU104	The sixth Halo the sixth edge Red dimmer	Red dimmer (0-255)
CH106		Linear dimmer, from dark to bright
CH107	The sixth Halo the sixth	Green dimmer (0-255)

	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
CILI	The first Halo the first	Red dimmer (0-255)
CH1	segment Red dimmer	Linear dimmer, from dark to bright
CH2	The first Halo the first	Green dimmer (0-255)
CH2	segment Green dimmer	Linear dimmer, from dark to bright
СНЗ	The first Halo the first	Blue dimmer (0-255)
СПЗ	segment Blue dimmer	Linear dimmer, from dark to bright
CH4	The first Halo the second	Red dimmer (0-255)
СП4	segment Red dimmer	Linear dimmer, from dark to bright
CH5	The first Halo the second	Green dimmer (0-255)
CIIS	segment Green dimmer	Linear dimmer, from dark to bright
СН6	The first Halo the second	Blue dimmer (0-255)
СПО	segment Blue dimmer	Linear dimmer, from dark to bright
CHZ	The first Halo the third segment Red dimmer	Red dimmer (0-255)
CH7		Linear dimmer, from dark to bright
СН8	The first Halo the third	Green dimmer (0-255)

segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the third	Blue dimmer (0-255)
segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the fourth	Red dimmer (0-255)
segment Red dimmer	Linear dimmer, from dark to bright
The first Halo the fourth	Green dimmer (0-255)  Linear dimmer, from dark to bright
segment Green dimmer	
The first Halo the fourth	Blue dimmer (0-255)
segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the fifth	Red dimmer (0-255)
segment Red dimmer	Linear dimmer, from dark to bright
The first Halo the fifth	Green dimmer (0-255)
segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the fifth	Blue dimmer (0-255)
CH15 segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the sixth	Red dimmer (0-255)
CH16 segment Red dimmer	Linear dimmer, from dark to bright
The first Halo the sixth	Green dimmer (0-255)
segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the sixth	Blue dimmer (0-255)
segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the seventh	Red dimmer (0-255)
segment Red dimmer	Linear dimmer, from dark to bright
	The first Halo the third segment Blue dimmer  The first Halo the fourth segment Green dimmer  The first Halo the fourth segment Blue dimmer  The first Halo the fifth segment Red dimmer  The first Halo the fifth segment Green dimmer  The first Halo the fifth segment Green dimmer  The first Halo the sixth segment Red dimmer  The first Halo the sixth segment Green dimmer  The first Halo the sixth segment Green dimmer  The first Halo the sixth segment Green dimmer

	The first Halo the seventh	Green dimmer (0-255)
CH20	segment Green dimmer	Linear dimmer, from dark to bright
CH21 The first Halo the seventh segment Blue dimmer	The first Halo the seventh	Blue dimmer (0-255)
	segment Blue dimmer	Linear dimmer, from dark to bright
CH22	The first Halo the eighth	Red dimmer (0-255)
	segment Red dimmer	Linear dimmer, from dark to bright
CH23 The first Halo the eighth segment Green dimmer	The first Halo the eighth	Green dimmer (0-255)
	segment Green dimmer	Linear dimmer, from dark to bright
CH24	The first Halo the eighth	Blue dimmer (0-255)
СП24	segment Blue dimmer	Linear dimmer, from dark to bright
CH25	The first Halo the ninth	Red dimmer (0-255)
CH23	segment Red dimmer	Linear dimmer, from dark to bright
CH26	The first Halo the ninth	Green dimmer (0-255)
СП20	segment Green dimmer	Linear dimmer, from dark to bright
CH27	The first Halo the ninth	Blue dimmer (0-255)
CH2/	CH27 segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the CH70 twenty-fourth segment R dimmer		Red dimmer (0-255)
	twenty-fourth segment Red dimmer	Linear dimmer, from dark to bright
CH71	The first Halo the	Green dimmer (0-255)
	twenty-fourth segment  Green dimmer	Linear dimmer, from dark to bright
CH72	The first Halo the twenty-fourth segment Blue	Blue dimmer (0-255)

	dimmer	Linear dimmer, from dark to bright
СН430	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
СН1	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
СНЗ	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
The first Halo the second	Green dimmer (0-255)
segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the second	Blue dimmer (0-255)
segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the third	Red dimmer (0-255)  Linear dimmer, from dark to bright
segment Red dimmer	
The first Halo the third	Green dimmer (0-255)
segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the third	Blue dimmer (0-255)
segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the fourth	Red dimmer (0-255)
segment Red dimmer	Linear dimmer, from dark to bright
The first Halo the fourth	Green dimmer (0-255)
segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the fourth	Blue dimmer (0-255)
CH13 segment Blue dimmer	Linear dimmer, from dark to bright
The first Halo the fifth	Red dimmer (0-255)
segment Red dimmer	Linear dimmer, from dark to bright
The first Halo the fifth	Green dimmer (0-255)
segment Green dimmer	Linear dimmer, from dark to bright
The first Halo the fifth	Blue dimmer (0-255)
segment Blue dimmer	Linear dimmer, from dark to bright
	The first Halo the second segment Green dimmer  The first Halo the second segment Blue dimmer  The first Halo the third segment Green dimmer  The first Halo the third segment Blue dimmer  The first Halo the fourth segment Red dimmer  The first Halo the fourth segment Green dimmer  The first Halo the fourth segment Green dimmer  The first Halo the fourth segment Blue dimmer  The first Halo the fifth segment Red dimmer  The first Halo the fifth segment Green dimmer

CH17 The first Halo the sixth segment Red dimmer	The first Halo the sixth	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	Blue dimmer (0-255)
	segment Blue dimmer	Linear dimmer, from dark to bright
CH20	The first Halo the seventh	Red dimmer (0-255)
segment Red dimmer	Linear dimmer, from dark to bright	
CH21	The first Halo the seventh	Green dimmer (0-255)
CHZI	segment Green dimmer	Linear dimmer, from dark to bright
CH22	The first Halo the seventh	Blue dimmer (0-255)
CH22	segment Blue dimmer	Blue dimmer (0-255)  Linear dimmer, from dark to bright
CH22	The first Halo the eighth	Red dimmer (0-255)
CH23	segment Red dimmer	Linear dimmer, from dark to bright
CH24	The first Halo the eighth	Green dimmer (0-255)
CH24	CH24 segment Green dimmer	Linear dimmer, from dark to bright
CH25	The first Halo the eighth	Blue dimmer (0-255)
CH25 segment Blue dimmer	Linear dimmer, from dark to bright	
CH26 The first Halo the ninth segment Red dimmer	Red dimmer (0-255)	
	segment Red dimmer	Linear dimmer, from dark to bright
CH27	The first Halo the ninth	Green dimmer (0-255)
	segment Green dimmer	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
СН431	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
СН433	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.
СН436	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

### Das Lichttechnikhaus Vertriebs GmbH

Rudolf-Diesel-Str. 3, D-89312 Günzburg

Telefon +49 (0) 82 21 207 98-0

Fax +49 (0) 82 21 207 98-69

E-Mail info@lth-gmbh.de Web www.lth-gmbh.de