



STROBE LINE



User Manual

Please keep reading this manual carefully for further use!

INTRODUCTION

First of all, thank you for purchasing the device. For the sake of safety and regular operation of this projector, please read this manual carefully before using and operating it in order to avoid any personal injury or damage to the device.

WARNING



CAUTION: Keep this equipment away from rain, moisture and liquids.



FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

SAFETY INSTRUCTIONS

Every person involved with the installation, operation, and maintenance of this equipment should:

- Be competent.
- Follow the instructions of this manual.



CAUTION: Take care using this equipment!
high voltage-risk of electric shock!!



Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult your dealer and do not use the equipment.

To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.

Please note that damages caused by user modifications to this equipment are not subject to warranty.

DIGITAL DISPLAY OPERATION

Illustration Part



MENU
A



UP
B



DOWN
C



ENTER
D

Operation Instructions

1. After starting, press A (MENU) to enter the main menu.
2. Press B (UP) or C (DOWN) to select the submenu.
3. Press D (ENTER) to confirm your selection.

SETTING MENU

Mode	Programming	Description
Auto mode	Auto	Sp 1-20 / Auto Speed 1-10 (slow->fast) Auto-run mode
		St 0-19 / Strobe Speed (slow->fast)
DMX mode	Addr	7 CH (A001-A506) 13 CH (A001-A500) 82 CH (A001-A431) 130 CH (A001-A383) 135 CH (A001-A378) Each channel mode is a separate address. Plug into the console to automatically enter DMX mode.

Show	RGB	Sh 00-68 Program RGB Show 00-68
		Sp 1-20 Program RGB Speed 1-20 (slow->fast)
		St 0-19 Program RGB Flash Speed 0-19 (slow->fast)
Show	ACW	Sh 00-36 Program ACW Show 00-36
		Sp 1-20 Program ACW Speed 1-20 (slow->fast)
		St 0-19 Program ACW Flash Speed 0-19 (slow->fast)
Sound Mode	Sound	Sou1-3 Sen1-9 3 sound modes, sound sensitivity 1-9
Slave	SLAV	Slave Slave (Slave, automatically identify the master)

Edit color	Color	r000-255 (Red 0-100% Red Dimming) g000-255 (Green 0-100% Green Dimming) b000-255 (Blue 0-100% Blue Dimming) U000-255 (Amber 0-100% Amber Dimming) A000-255 (White 0-100% White Dimming) St0-19 (LED Strobe slow->fast)
Static colors	StAt	C101-C137 (RGB Static Color) C201-C204 (ACW Static Color) St00-19 (LED Strobe slow->fast)
Product Set	Set	10s / 20s / 30s / 60s / dis Display goes into the off state after a set period of activity (10s to always on) on --> / <--- Chasing direction: right / Chasing direction: left 50-65 C / temp Protecting temperature settings, protection within the range of 50~65°C. Exceeding this range begins to reduce output power. Send / yes Send one-click settings, and the channel mode of all lamps becomes the channel mode of the current master.

		ver / XXXX Current Soft version
Information	Info	XX °C / temp The current light plate temperature (degrees Celsius). If the temperature detection line fails, the boot prompt shows -RT-, and the menu display shows EROR.

DMX CHANNEL TABLE

DMX MODE 1: 7CH

Channel	Value	Function
CH1	0-255	Dimmer
CH2	0-9	No Function
	10-255	Strobe (Slow->Fast)
CH3	0-255	ALL RED (0-100%)
CH4	0-255	ALL GREEN (0-100%)
CH5	0-255	ALL BLUE (0-100%)
CH6	0-255	ALL AMBER (0-100%)
CH7	0-255	ALL WHITE (0-100%)

DMX MODE 2: 13CH

Channel	Value	Function	Description
CH1	0-255	Dimmer	
CH2	0-9	No Function	RGB Strobe
	10-255	Slow->Fast	
CH3	0-9	No Function	ACW Strobe

	10-255	Slow->Fast	ACW Strobe
CH4	0-255	ALL RED (0-100%)	
CH5	0-255	ALL GREEN (0-100%)	
CH6	0-255	ALL BLUE (0-100%)	
CH7	0-255	ALL AMBER (0-100%)	
CH8	0-255	ALL WHITE (0-100%)	
CH9	0-2	CH4-6 Control the overall color	RGB Effect Channel
	3-5	Effect 1 (CH4~6 Control the effect color)	
	6-8	Effect 2 (CH4~6 Control the effect color)	
	...	...	
	108-110	Effect 36 (CH4~6 Control the effect color)	
	111-113	Effect 37 (Built-in effect colors)	
	114-116	Effect 38 (Built-in effect colors)	
	...	...	
	204-206	Effect 68 (Built-in effect colors)	
	207-209	Auto Effect (Cyclic running effect 1~68)	
	210-212	Sound 1 (CH4-6 Control the effect color)	

	213-215	Sound 2 (CH4-6 Control the effect color)	
	216-255	Sound 3	
CH10	0-255	RGB Program Speed (Slow->fast)	
CH11	0-255	Effect background color selection	Details: RGB Background Color table
CH12	0-5	CH7-8 Control the overall color	ACW Effect Channel (CH9 < 210 valid)
	6-11	Effect 1 (CH7~8 Control the effect color)	
	12-17	Effect 2 (CH7~8 Control the effect color)	
	...	...	
	216-221	Effect 36 (CH7-8 Control the effect color)	
	222-255	Auto Effect (Cyclic running effect 1~36)	
CH13	0-255	ACW Program Speed (Slow->fast)	

DMX MODE 3: 82CH

Structure: RGB1...RGB16 | A1...A16 | W1...W16 | RGB1...RGB16
(Note: Manual repeats RGB headers)

Channel	Value	Function	Description
CH1	0-255	R1 (0~100%)	
CH2	0-255	G1 (0~100%)	
CH3	0-255	B1 (0~100%)	

...	...	...	
CH46	0-255	R16 (0~100%)	
CH47	0-255	G16 (0~100%)	
CH48	0-255	B16 (0~100%)	
CH49	0-255	A1 (0~100%)	
...	...	...	
CH64	0-255	A16 (0~100%)	
CH65	0-255	W1 (0~100%)	
...	...	...	
CH80	0-255	W16 (0~100%)	
CH81	0-9	No Function	RGB Strobe
	10-255	Slow->Fast	
CH82	0-9	No Function	ACW Strobe
	10-255	Slow->Fast	

DMX MODE 4: 130CH

Structure: RGB1...RGB16 | A1...A16 | W1...W16 | RGB17...
RGB32

Channel	Value	Function	Description
CH1	0-255	R1 (0~100%)	
CH2	0-255	G1 (0~100%)	
CH3	0-255	B1 (0~100%)	
...	...	...	
CH94	0-255	R32 (0~100%)	
CH95	0-255	G32 (0~100%)	
CH96	0-255	B32 (0~100%)	
CH97	0-255	A1 (0~100%)	

...	...	...	
CH112	0-255	A16 (0~100%)	
CH113	0-255	W1 (0~100%)	
...	...	...	
CH128	0-255	W16 (0~100%)	
CH129	0-9	No Function	RGB Strobe
	10-255	Slow->Fast	
CH130	0-9	No Function	ACW Strobe
	10-255	Slow->Fast	

DMX MODE 5: 135CH

Structure: RGB1...RGB16...RGB32 | A1...A16 | W1...W16 | RGB17...RGB32 (Macro controls)

Channel	Value	Function	Description
CH1	0-255	R1 (0~100%)	
CH2	0-255	G1 (0~100%)	
CH3	0-255	B1 (0~100%)	
...	...	...	
CH94	0-255	R32 (0~100%)	
CH95	0-255	G32 (0~100%)	
CH96	0-255	B32 (0~100%)	
CH97	0-255	A1 (0~100%)	
...	...	...	
CH112	0-255	A16 (0~100%)	

CH113	0-255	W1 (0~100%)	
...	...	...	
CH128	0-255	W16 (0~100%)	
CH129	0-9	No Function	RGB Strobe
	10-255	Slow->Fast	
CH130	0-9	No Function	ACW Strobe
	10-255	Slow->Fast	
CH131	0-2	The CH1~96 were controlled separately	RGB Effect Channel
	3-5	Effect 1 (CH1-3 Control the effect color)	
	6-8	Effect 2 (CH1-3 Control the effect color)	
	...	...	
	108-110	Effect 36 (CH1~3 Control the effect color)	
	111-113	Effect 37 (Built-in effect colors)	
	114-116	Effect 38 (Built-in effect colors)	

	...	...	
	204-206	Effect 68 (Built-in effect colors)	
	207-209	Auto Effect (Cyclic running effect 1~68)	
	210-212	Sound 1 (CH4-6 Control the effect color)	
	213-215	Sound 2 (CH4-6 Control the effect color)	
	216-255	Sound 3	
CH132	0-255	RGB Program Speed (Slow->fast)	
CH133	0-255	Effect background color selection	Details: RGB Background Color table
CH134	0-5	The CH 97~128 were controlled alone	ACW Effect Channel (CH131 < 210 valid)
	6-11	Effect 1 (CH97, 113 Control the effect color)	

	12-17	Effect 2 (CH97, 113 Control the effect color)	
	...	...	
	216-221	Effect 36 (CH97, 113 Control the effect color)	
	222-255	Auto Effect (Cyclic running effect 1~36)	
CH135	0-255	ACW Program Speed (Slow->fast)	

RGB BACKGROUND COLOR

Value	Color
0-11	R:000 G:000 B:000
12-23	R: 50 G:000 B:000
24-35	R:150 G:000 B:000
36-47	R:255 G:000 B:000
48-59	R:000 G: 50 B:000
60-71	R:000 G:150 :B:000
72-83	R:000 G:255 B:000
84-95	R:000 G:000 B:50
96-107	R:000 G:000 B:150

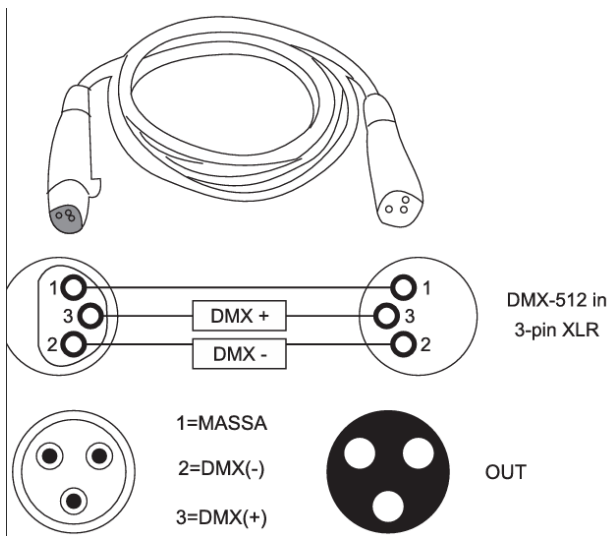
108-119	R:000 G:000 B:255
120-131	R:50 G:50 B:000
132-143	R:150 G: 150 :B:000
144-155	R:255 G:255 B:000
156-167	R: 50 G:000 B:50
168-179	R:150 G:000 B:150
180-191	R:255 G:000 B: 255
192-203	R:000 G: 50 B:50
204-215	R:000 G: 150 :B:150
216-227	R:000 G:255 B:255
228-239	R:20 G: 20 B:20
240-251	R:60 G:60 B:60
252-255	R:100 G:100 B:100

ATTENTION

DANGER TO LIFE! RISK OF BURNS! RISK OF FIRE! RISK OF SHORT CIRCUIT!

DMX Signal Connection

Pin	Function	XLR to 5-Pin XLR Conversion
Pin 1	Ground (Mass)	1=MASSA
Pin 2	Signal (-)	2=DMX(-)
Pin 3	Signal (+)	3=DMX(+)
Pin 4	Do Not Use	
Pin 5	Do Not Use	



Note: The manual references a 3-pin XLR Female (OUT) and 5-Pin XLR Male (IN) diagram.

Package Contents

Inside the LEDJ carton, you will find the following items:

1. 2 x Brackets
2. 1 x Power Cable
3. 1 x User Manual

Specifications

- Operation: AC 100V-240V 50/60Hz
- LEDs:
 - 32 segments 5050 RGB
 - 112 units 2835 Amber (16 segments)
 - White (16 segments)

<https://freecolor.lighting>

- Features: Support RDM setting the channel mode and address.
- DMX Modes: 7, 13, 82, 130, & 135 Channels
- Supply voltage: 24V
- Connection: 3-pin XLR cable
- Power: Power In/Out to daisy chain power