

LIGHTTEK

LED48+8 RGBW STROBE



Instruction Manual

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一、Definition of display panel and buttons



MENU UP DOWN ENTER

Menu keys: selecting functions
Up key: parameter increment
Down arrow: parameter decrement
Confirm key: Confirm and save

二、MENU

After powering on, press the menu button and the menu menu will appear in sequence; Press the up or down button to modify the function parameters, and press the confirm button to save the current function and parameters (with power down memory after saving).

Menu Menu:

A001	➡	A512	Modify the address code (A001~A512) up or down, confirm to save, default to A001.
CH04	➡	CH15 2	Switch up or down to ch04, ch16, and ch168, six channels, confirm to save, default to CH15.
P000	➡	P255	Strobe
M009	➡	M063	Mode Channel RGB Mode
S000	➡	S255	Speed channel
n000	➡	N255	Mode channel W mode
S000	➡	S255	Speed channel
Q000	➡	Q063	Mode Channel RGBW Mode
S000	➡	S255	Speed channel
R255	➡	R000	Modify the brightness of the red light bead up or down (R000~R255), confirm and save, default to R255.
G255	➡	G000	Modify the brightness of the green light bead up or down (G000~G255), confirm to save, and default to G255.
B255	➡	B000	Modify the brightness of the blue light bead up or down (B000~B255), confirm to save, and default to B255.

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W255	→	W000	Modify the brightness of the white light bead up or down (W000~W255), confirm to save, and default to W255.
T000			Display temperature, such as T045 indicating that the current lamp temperature is 45 °C; No 10K thermistor installed, displaying T000.

三、Master slave control

Two or more identical lighting fixtures are connected with a three core signal wire using a DMA. The lighting fixtures are set to any address code from A001 to A512, with any one set as the host and the other lighting fixtures as the slaves. All slave display screens do not flash; When using the host's gradient, pulse, jump, and self-propelled effects, all slave machines synchronize the gradient, pulse, jump, and self-propelled effects.

Special note: 1. Only one host can be set for a group of lighting fixtures. If there are multiple hosts, all lighting fixtures will flash randomly and not synchronize.

2. All lighting fixtures must be functional when the DMX512 console is turned off.

四、Factory settings

When entering any address code from A001 to A512, press the menu button for 3 seconds to enter the factory settings. The factory settings mainly include the output power of each lamp, fan setting mode, temperature protection point setting, and parameter sending functions. Press the menu button for 3 seconds to exit any mode in the factory settings.

Factory Settings Table:

R255	→	R032	Modify the red light bead current (R032-R255) up or down, confirm to save, default to R245.
G255	→	G032	Modify the green light bead current (R032-R255) up or down, confirm to save, default to R245.
B255	→	B032	Modify the blue light bead current (R032-R255) up or down, confirm to save, default to R245.
W255	→	W032	Modify the white light bead current (R032-R255) up or down, confirm to save, default to R245.
FAN0	→	FAN1	F fan setting: FAN0 light bead is on to start the fan, FAN1 reaches the set temperature protection point to start the fan, and the confirmation key is saved.
T040	→	T070	Set the temperature protection point, modify the parameters up or down (40 °C~70 °C), press the confirm button to save, default to T065.

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Send	➡	Send	Send the factory setting parameters of the machine up or down to all other three core signal wires connected in parallel for lighting fixtures; Confirm sending parameters by pressing the menu button for 3 seconds
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五、DMX512console

After powering on, set the address codes of all lighting fixtures. Connect all lighting fixtures in parallel with a three core signal wire to the DMX512 console, and the address codes will stop flashing, indicating that the DMX512 console signal has been sent to the lighting fixtures. Use the DMX512 console to control relevant functions according to the instructions of each channel.

CH4Channel Description:

thoroughfare	channel value	basic function
1	000-255	R
2	000-255	G
3	000-255	B
4	000-255	W

CH15Channel Description

thoroughfare	channel value	basic function
1	000-255	Dimming
2	000-255	R
3	000-255	G
4	000-255	B
5	000-255	W
6	000-255	colour
7	000-255	RGB mode
8	000-255	RGB speed
9	000-255	W mode
10	000-255	W speed
11	000-255	RGBW strobe
12	000-255	RGBW mode
13	000-255	RGBW speed

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14	000-255	Background color
15	000-255	Background tone light

CH152Channel Description:

thoroughf are	channel value	basic function
1	000-255	Linear dimming of the red light beads in section 01.
2	000-255	Linear dimming of green light beads in section 01.
3	000-255	Linear dimming of blue light beads in section 01.
5	000-255	The second segment has a linear dimming of red light beads.
6	000-255	The green bead of the second segment dims linearly.
7	000-255	Linear dimming of blue light beads in section 02.
...	...	...
142	000-255	The 48th segment has a linear dimming of red light beads.
143	000-255	The green light bead in the 48th segment dims linearly.
144	000-255	The blue light bead in the 48th segment dims linearly.
...	...	...
145	000-255	The first segment of the white light bead dims linearly.
146	000-255	The second segment of the white light bead dims linearly.
147	000-255	The third segment of the white light bead dims linearly.
148	000-255	The fourth segment has a linear dimming of white light beads.
149	000-255	The fifth segment has a linear dimming of white light beads.
150	000-255	The 6th segment of the white light bead dims linearly.

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151	000-255	The 7th segment has a linear dimming of white light beads.
152	000-255	The 8th segment of the white light bead dims linearly.

六、 Technical parameters:

Voltage: AC100~240V 50/60HZ

Power: 120W

Lamp beads: 768 RGB lamp beads, 96 W lamp beads

Control mode: DMX512, self-propelled, master-slave, with RDM function

Channel: CH4, CH15, CH152

Dimming: 16bit 0-100% linear dimming

Features: Running horses+explosive flashes

Working temperature: -30 ° C~50 ° C

Strobe frequency: 1-30Hz

Appearance: Metal, black

Connection method: DMX512 input/output

/Power input and output.

IP level: IP20

Size: Gross weight: