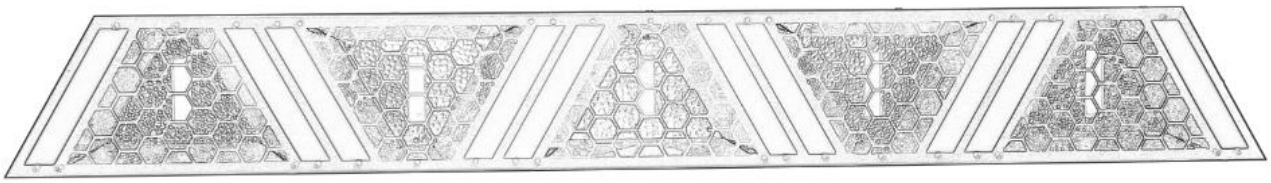
lighting PLUS

User manual



R560

Please read the instructions carefully before use

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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1.Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

•Unpack and check carefully there is no transportation damage before using the unit.

•Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

•It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

•The unit is for indoor use only. Use only in a dry location.

•The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

•Disconnect main power before replacement or servicing.

•Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

•Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

•Maximum ambient temperature is Ta: 40℃. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85℃. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

•the event of serious operating problem, stop using the unit immediately.Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

•DO NOT touch any wire during operation as high voltage might be causing electric shock.

Warning:

•To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.

•The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

Caution:

•There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

Installation:

•The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

•The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

2.Technical Specifications

SPECIFICATIONS:

LED Source: 5*60W COB LED，120*0.3W 3535 3IN1 LED

Input Voltage:AC90-260V 50/60Hz

Power Consumption: 300W

Control Code:DMX512

Control Channel:4/12/35/44 channels

Powercon:powercon in & out

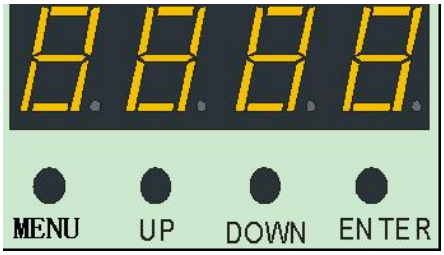
DMX sockets:3-pin XLR sockets

Dimmer：0-100％ linear dimmer

Strobe：25 times/sec

Size: 973*150*105mm, NW: 3.5kgs

3.Control Menu



Menu Operation

On the base of the control panel offers a number of features, such as setting DMX fixture address, switch the lamp, run the test program, the mode selection.

A001	➡	A512	Set the address code, modify the address code (A001~A512) up or down, and press the confirm key to save.
CH16	➡	CH16	Switch CH04, CH12, CH35, CH44, four channels up or down, and press the confirm key to save. Default CH12
A007	➡	N63	Fill light effect mode, confirm key to save
S000	➡	S000	Modify the running speed of the auxiliary light effect up or down (S000~S255), press the confirm key to save
E007	➡	E21	Middle main light mode, confirm key to save.
S000	➡	S255	Modify the running speed of the middle main light (S000~S255) up or down, and press the confirm key to save.
Soud	➡	Soud	sound
R255	➡	R000	RED dimmer
G255	➡	G000	Green dimmer

B255	➡	B000	Blue dimmer
W255	➡	W000	White dimmer

4.DMX Channels

4 channels

Channel	Function	Value	Description
CH1	R dimmer	0-255	R dimmer
CH2	G dimmer	0-255	G dimmer
CH3	B dimmer	0-255	B dimmer
CH4	W dimmer	0-255	W dimmer

12 channels

Channel	Function	Value	Description
CH1	Total dimmer	0-255	From dark to light
CH2	Total strobe	0-255	From slow to fast
CH3	R dimmer	0-255	R dimmer
CH4	G dimmer	0-255	G dimmer
CH5	B dimmer	0-255	B dimmer
CH6	W dimmer	0-255	W dimmer
CH7	RGB code	0-255	RGB code
CH8	RGB Speed	0-255	RGB Speed
CH9	W code	0-255	W code
CH10	W speed	0-255	W speed
CH11	background color	0-255	background color
CH12	background color speed	0-255	background color speed

35 channels

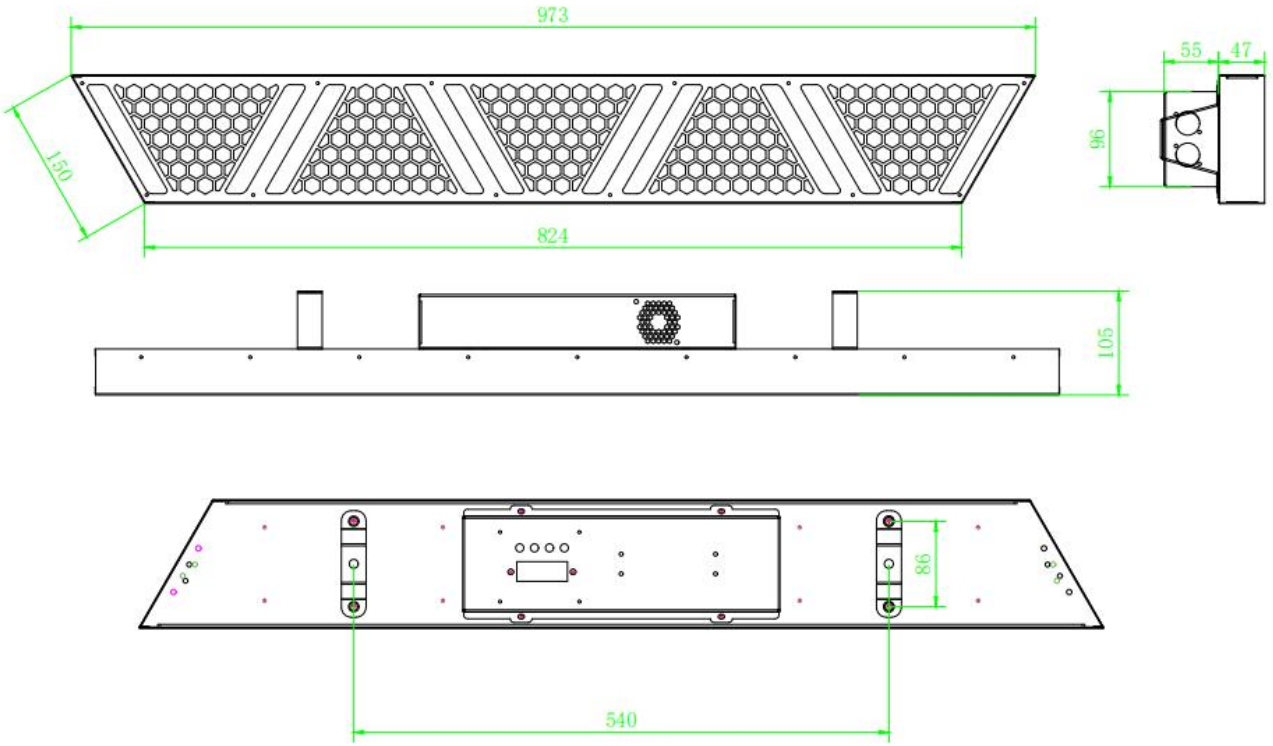
Channel	Function	Value	Description
CH1	W1		W1 dimmer
CH2	W2		W2 dimmer
CH3	W3		W3 dimmer
CH4	W4		W4 dimmer
CH5	W5		W5 dimmer
CH6	R1 dimmer	0-255	R1 dimmer
CH7	G1 dimmer	0-255	G1 dimmer
CH8	B1 dimmer	0-255	B1 dimmer
	……		……
CH33	R10 dimmer	0-255	R10 dimmer
CH34	G10 dimmer	0-255	G10 dimmer
CH35	B10 dimmer	0-255	B10 dimmer

44 channels

Channel	Function	Value	Description
CH1	Total dimmer	0-255	From dark to light
CH2	Total strobe	0-255	From slow to fast

CH3	R1 dimmer	0-255	R1 dimmer
CH4	G1 dimmer	0-255	G1 dimmer
CH5	B1 dimmer	0-255	B1 dimmer
	……		……
CH30	R10 dimmer	0-255	R10 dimmer
CH31	G10 dimmer	0-255	G10 dimmer
CH32	B10 dimmer	0-255	B10 dimmer
CH33	RGB Mode	0-255	Mode
CH34	RGB speed	0-255	speed
CH35	background color	0-255	background color
CH36	background dimmer	0-255	background dimmer
CH37	W strobe	0-255	W strobe
CH38	W1	0-255	W1 dimmer
CH39	W2	0-255	W2 dimmer
CH40	W3	0-255	W3 dimmer
CH41	W4	0-255	W4 dimmer
CH42	W5	0-255	W5 dimmer
CH43	W mode	0-255	mode
CH44	W speed	0-255	speed

5.Dimension



6.Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on

PCB of the unit or the previous one.

4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motors drive IC on the PCB might be out of condition

7.Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

Clean with soft cloth using normal glass cleaning fluid.

Always dry the parts carefully.

Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.