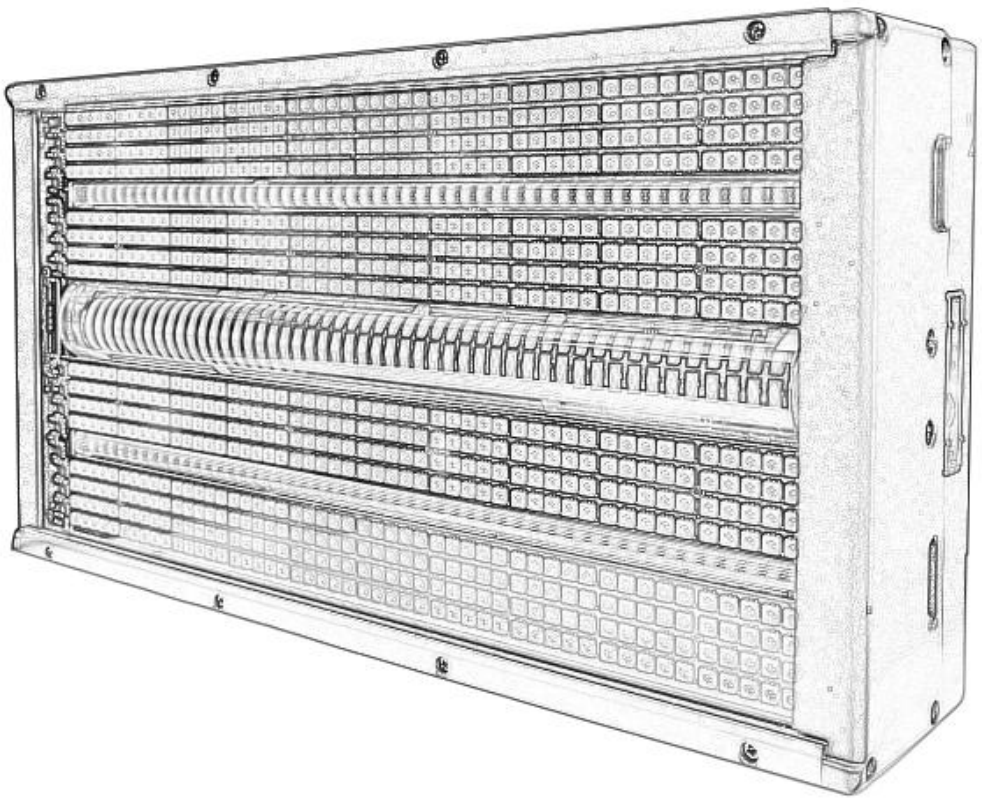
lighting PLUS

User manual



IP-S1000

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

Light Sources: 200*3w White+800*0.5w RGB Led

40 segments RGB,30 segments white

Power Consumption: 540W

Strobe power:1100w

Power Input: 100-240V, 50/60Hz

Beam range:68°

Spot angle:114°

Display: LCD display

IP level: IP65

LED Lifespan: 50000 hours

Operating mode: DMX512,Auto, Sound active, Master/slave

Channel mode: 15/50/158 Channel

Dimmer:0-100% linear dimming

Dimming mode: 5 types

Dimming curve: 4 types

Strobe: 1-20Hz/s

Dimension：420*262*175mm

N Weight：11.4KG

3.Control Menu

Menu Description

Main menu	Secondary Menu	Third level menu	Default value
DMX	add	add 001	001
	CH	15CH/158CH/50CH	15CH
	Signal status	clear/keep	clear
root	PassWord	- - - -	↑↓↑↓
	R current	020--255	235
	G current	020--255	235
	B current	020--255	235
	W current	020--255	235
	temperature	40--80	65
	power	050--255	200
	push	Yes/No	No
Photoeffect	manual dimming	R:000-255	R:255
		G:000-255	G:255
		B:000-255	B:255
		W:000-255	W:255
		Dimming :000-255	Dimming :255
		Dimming Fine:000-255	Dimming Fine:000
		Strobe :000-255	Strobe :000 The strobe segments refer to the channel table
	macro	mode 1-63	1
		speed 0-100%	50%
		RGB dimming 0-100%	100%
		W dimming 0--100%	100%
setting	Master	ON/OFF	ON
	Slave	ON/OFF	ON
	Dim modes	Standard	Standard
		Stage	
		TV	
		Architect	
		Theatre	
		Stage 2	
	Dim curves	Line	Line
		Square	
		Inverse	
		S line	
	EN	EN/Chinese	EN
	screen saver	ON/OFF	ON
	LOCK	ON/OFF	ON PassWord: MENU-UP-DOWN-ENTER
	Rotation	NO/YES	NO

	Fans mode	Controll /longTurn	Controll Note: In the case of temperature control short circuit or open circuit, the fan is only controlled by the light, that is, the light fan starts, and the fan stops after 20 seconds after turning off the light; Temperature control Under normal conditions, the temperature shows that the fan starts above 45 degrees,the temperature shows that the fan stops at a low 40 degrees.
	Topic	1/2/3	1
	Restore	NO/YES	NO
Information (Main interface)	temperature	XX℃/XXX℉	
	DMX	RGBW Dimming	
		RGBW Strobe	
		DMX add	
		CH	
		Signal	
	RDM UID		
	version	RLS240122Q4 V1	

4.DMX Channels

15 Channel mode

Channel	Function	DMX Value	Description
CH1	Red	0-255	Red Dimmer,from dark to light
CH2	Green	0-255	Green Dimmer,from dark to light
CH3	Blue	0-255	Blue Dimmer,from dark to light
CH4	White	0-255	White Dimmer,from dark to light
CH5	RGB total dimmer	0-255	RGB total dimmer,from dark to light
CH6	RGB Dimmer fine	0-255	RGB Dimmer fine,from dark to light
CH7	White total dimmer	0-255	White total dimmer,from dark to light
CH8	White dimmer fine	0-255	White dimmer fine,from dark to light
CH9	RGB strobe	0-5	Turn on
		6-31	Turn off
		32-63	Turn on
		64-95	Ordinary strobe
		96-127	Turn on
		128-159	Slow strobe
		160-191	Turn on
		192-223	random strobe
		224-255	Turn on
CH10	White strobe	0-5	Turn on
		6-31	Turn off
		32-63	Turn on
		64-95	Ordinary strobe
		96-127	Turn on

CH10	White strobe	128-159	Slow strobe
		160-191	Turn on
		192-223	random strobe
		224-255	Turn on
CH11	RGBW Macro function selection	0-5	No function
		6-9	Effect 1
		10-13	Effect 2
		14-17	Effect 3
		18-21	Effect 4
		22-25	Effect 5
		26-29	Effect 6
		……	……
		246-249	Effect 61
		250-253	Effect 62
		254-255	Effect takes turns
CH12	RGB Function speed	0-255	from slow to fast
CH13	fade speed	0-255	from slow to fast
CH14	Dimmer mode	0-20	Standard
		21-40	Stage
		41-60	TV
		61-80	Architect
		81-100	Theatre
		101-120	Stage 2
		121-255	Default value (screen value)
CH15	Dimmer curves	0-20	Line
		21-40	Square
		41-60	Inverse
		61-80	S line
		81-255	No function (screen value)

50 Channel mode

Channel	Function	DMX Value	Description
CH1	Red 1-10	0-255	Red 1-10 Dimmer from dark to light
CH2	Green 1-10	0-255	Green 1-10 Dimmer from dark to light
CH3	Blue 1-10	0-255	Blue 1-10 Dimmer from dark to light
……	……	……	……
CH10	Red 31-40	0-255	Red31- 40 Dimmer from dark to light
CH11	Green 31-40	0-255	Green31- 40 Dimmer from dark to light
CH12	Blue 31-40	0-255	Blue31- 40 Dimmer from dark to light
CH13	White 1		White1 Dimmer from dark to light
CH14	White 2		White2 Dimmer from dark to light
……	……	……	……
CH42	White 30		White30 Dimmer from dark to light
CH43	RGB strobe	0-5	Turn on
		6-31	Turn off
		32-63	Turn on

CH43	RGB strobe	64-95	Ordinary strobe
		96-127	Turn on
		128-159	Slow strobe
		160-191	Turn on
		192-223	random strobe
		224-255	Turn on
CH44	White strobe	0-5	Turn on
		6-31	Turn off
		32-63	Turn on
		64-95	Ordinary strobe
		96-127	Turn on
		128-159	Slow strobe
		160-191	Turn on
		192-223	random strobe
		224-255	Turn on
CH45	RGB total dimmer	0-255	RGB total dimmer,from dark to light
CH46	RGB Dimmer fine	0-255	RGB Dimmer fine,from dark to light
CH47	White total dimmer	0-255	White total dimmer,from dark to light
CH48	White dimmer fine	0-255	White dimmer fine,from dark to light
CH49	Dimmer mode	0-20	Standard
		21-40	Stage
		41-60	TV
		61-80	Architect
		81-100	Theatre
		101-120	Stage 2
		121-255	Default value (screen value)
CH50	Dimmer curves	0-20	Line
		21-40	Square
		41-60	Inverse
		61-80	S line
		81-255	No function (screen value)

158 Channel mode

Channel	Function	DMX Value	Description
CH1	Red 1	0-255	Red 1 Dimmer from dark to light
CH2	Green 1	0-255	Green 1 Dimmer from dark to light
CH3	Blue 1	0-255	Blue 1 Dimmer from dark to light
……	……	……	……
CH118	Red 40	0-255	Red 40 Dimmer from dark to light
CH119	Green 40	0-255	Green 40 Dimmer from dark to light
CH120	Blue 40	0-255	Blue 40 Dimmer from dark to light
CH121	White 1	0-255	White 1 Dimmer from dark to light
CH122	White 2	0-255	White 2 Dimmer from dark to light
……	……	……	……
CH150	White 30	0-255	White 30 Dimmer from dark to light
CH151	RGB total dimmer	0-255	RGB total dimmer,from dark to light

CH152	RGB Dimmer fine	0-255	RGB Dimmer fine,from dark to light
CH153	White total dimmer	0-255	White total dimmer,from dark to light
CH154	White dimmer fine	0-255	White dimmer fine,from dark to light
CH155	RGB strobe	0-5	Turn on
		6-31	Turn off
		32-63	Turn on
		64-95	Ordinary strobe
		96-127	Turn on
		128-159	Slow strobe
		160-191	Turn on
		192-223	random strobe
		224-255	Turn on
CH156	White strobe	0-5	Turn on
		6-31	Turn off
		32-63	Turn on
		64-95	Ordinary strobe
		96-127	Turn on
		128-159	Slow strobe
		160-191	Turn on
		192-223	random strobe
		224-255	Turn on
CH157	Dimmer mode	0-20	Standard
		21-40	Stage
		41-60	TV
		61-80	Architect
		81-100	Theatre
		101-120	Stage 2
		121-255	Default value (screen value)
CH158	Dimmer curves	0-20	Line
		21-40	Square
		41-60	Inverse
		61-80	S line
		81-255	No function (screen value)

5.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

6.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.