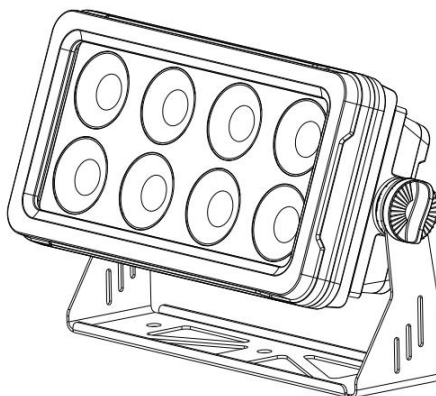


IP LED Projector Light

8x50W RGBW LED



USER MANUAL

Thank you very much for choosing our product. For safety purpose, please read this manual carefully before your operation. This manual included installation and using information. Please install and operate it according to this manual.

Part 1 Product

1.1 Product introduction

This product is designed for outdoor/indoor use. Suitable applications include wash or effect lighting for architectural, stage or nightclub applications. This product can also be installed for use in signage and advertising using the dynamic functions available with DMX512 control. Direct input of DMX512 signal allows the units to be controlled from any DMX512 controller. This product can be operated as a single unit or in multiple units for large applications.

1.2 Technical Specifications

Input voltage: AC100-240V, 50/60Hz

Rated power: 400W

Light source: 8*50W RGBW LED

Channel: 5/8/20/32 channels

Strobe: 0-20Hz

Control: international standard DMX512

Lens angle: 25°

Display: OLED function menu with 4 buttons

Heat dissipation: intelligent temperature control, active

Maximum ambient temperature 40° C

Minimum ambient temperature -20° C

Maximum case temperature 65° C

Power connection IP65 Seetronic power connectors input/output

Data connection IP65 Seetronic DMX connectors input/output

LED life: 50,000-100,000 hours

Waterproof rating: IP65

Net weight: 7.5kg

Features:

4 dimming curves, high standard linear dimming

Exquisite die-cast aluminum housing, IP65 protection level, suitable for outdoor performances

Silent operation, no flicker output

Unique structure design, excellent natural heat dissipation effect

Double hanger design, convenient for air suspension and ground placement

DMX control, RDM intelligent control.

Features and advantages: Adopt waterproof sealing design, high color purity, special optical design, more uniform light effect, waterproof grade IP65. Suitable for various indoor and outdoor performances, environmental art lighting, outdoor lighting and other dyeing and lighting effects.

1.3 Safety Warning

IMPORTANT:

ALWAYS READ THE USER MANUAL BEFORE OPERATION. PLEASE CONFIRM THAT THE POWER SUPPLY STATED ON THE PRODUCT IS THE SAME AS THE MAINS POWER SUPPLY IN YOUR AREA.

- This product must be installed by a qualified professional.
- Always operate the equipment as described in the user manual.
- A minimum distance of 0.5m must be maintained between the equipment and combustible surface.
- The product must always be placed in a well ventilated area.
- Always make sure that the equipment is installed securely.
- DO NOT stand close to the equipment and stare directly into the LED light source.
- Always disconnect the power supply before attempting and maintenance.
- Always make sure that the supporting structure is solid and can support the combined weight of the products.
- The earth wire must always be connected to the ground.
- Do not touch the power cables if your hands are wet.

ATTENTION:

- This product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warnings described in this user manual.
- Avoid shaking or strong impacts to any part of the equipment.
- Make sure that all parts of the equipment are kept clean and free of dust.
- Always make sure that the power connections are connected correct and secure.
- If there is any malfunction of the equipment, contact your distributor immediately.
- When transferring the product, it is advisable to use the original packaging in which the product left the factory.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally

deformed.

PART 2 INSTALLATION

2.1 Mounting:

2.1-1 Hanging

The product can be mounted in a hanging position using the supporting bracket. The bracket should be secured to the mounting truss or structure using a standard mounting clamp. Please note that when hanging the unit a safety cable should also be used

2.1-2 Upright

The product can be mounted in an upright or sitting position using the supporting brackets.

NOTE:

The product can be mounted at any angle and in any position. It is possible to further adjust the angle of the product using the two adjustment knobs located on the side of the fixture.

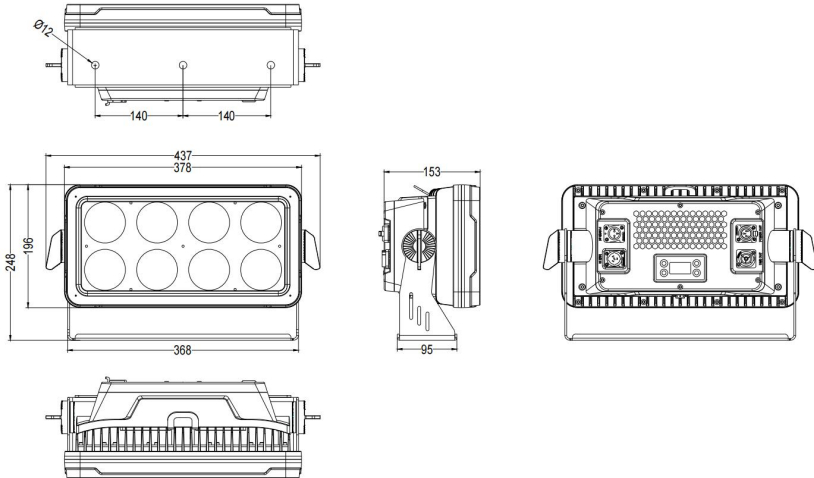
2.2 Special construction for DMX connection.

- ☆ At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.
- ☆ If the controller is 5-pin output, it's necessary to use an adaptor to transfer signal from 5-pin output to 3-pin XLR-plug or you can connect cables as following:

3-PIN TO 5-PIN CONVERSION CHART

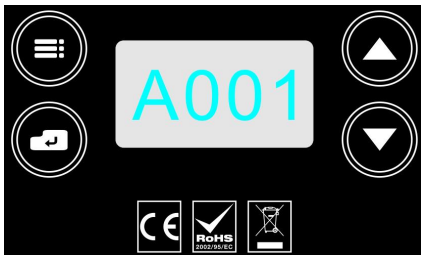
Conductor	3 Pin Female (Output)	5 Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data (-) signal	Pin 2	Pin 2
Data (+) signal	Pin 3	Pin 3
Not used		Pin 4
Not used		Pin 5

PART 3 Product Size



PART 4 Display Panel Operation

4.1 OLED Display panel menu instruction



[MENU] menu selection or return to previous menu.

[UP] press [UP] through the menu list to increase/change the value of the

current function.

[DOWN] press [DOWN] through the menu list to decrease/change the value of the current function.

[ENTER] confirm & quit out current function setting.

4.2 Display panel operation instruction

Main menu	Sub-Menu1	Sub- Menu2	Sub- Menu3	Description
DMX Mode	Address	001		001-512
	Channel	08CH		The channel mode can be any of the following: 05/08/20/32
Auto	Dimmer	000-255		Dimmer:000-255,Control the brightness of automatic operation effect: 00-51 effect 00: Do not execute effects effect 01: RGBW Monochrome jump effect 02: Grad effect 03: Pulse effect 04: Jump effect 05: Effect polling effect 06-51: Various effects speed: 000-100 color: 00-09 color 00: Color polling (color effects will be displayed during pattern polling) color 01: Red color 02: Green color 03: Blue color 04: White color 05: Red & Green combination color 06: Red & Blue combination
	effect	00-51		
	speed	001-100		
	color	01-09		

				color 07: Green & Blue combination Color08:Red & Green & Blue combination color 09: Red & Green & Blue & White combination
Manual	Dimmer	000-255		Dimmer: 000-255,Control the brightness of manual dimming Red: 000-255 Green: 000-255 Blue: 000-255 White: 000-255
	Red	000-255		
	Green	000-255		
	Blue	000-255		
	White	000-255		
Voice	Dimmer	000-255		Dimmer : 000-255 , Control the brightness of voice control mic: 00-05 mic 00 : Do not execute voice control effect mic 01-04: Various voice control effects mic 05: Voice controlled effects polling sensi: 000-100
	mic	00-05		
	sensi	000-100		
Setting	Language	Chinese		中文: The screen display language is Chinese English: The screen display language is English
		English		
	MOSI switch	Shut down		Shut down : Do not send host data to slave Turn on: Send host data to slave
		Turn on		
	Screensaver	Shut down		Shut down : Do not enter the screensaver

		Turn on		Turn on : Enter screensaver in 30 seconds
	Signal state	Clear		In DMX mode, the data status of the LED after signal interruption. Clear: The data will be cleared later Hold: Data hold
		Hold		
	Light order	Positive		Positive : The direction of running and dimming of the lamp bead is positive Reverse : The direction of running and dimming of the LED beads is reversed
		Reverse		
	Dim bit	8bit		The process of changes in LED bead data. 8bit: Direct switching of LED data 16bit: Smooth conversion of LED bead data
		16bit		
	Dim speed	000-255		000-255 The larger the value, the slower the light changes, which only applies to the normal dimming of the console (if the channel mode itself has a dimming speed, the dimming speed channel is used as a guide)
	Dim curve	Linear		Power curve of console's ordinary dimming Linear: Linear power curve Square: Square power curve Anti-square: Anti-square power curve
		Square		
		Anti-square		

		S-line		S-line: S-line power curve
	Dim freq			4kHz/8kHz/12kHz/ 16kHz /20kHz/24kHz/32kHz
	Fan mode	Controlled		Controlled : If the temperature control resistor is not connected, the fan will rotate when the LED lights up. After connecting the temperature control resistor, when the temperature exceeds 44 °C, the fan rotates; When the temperature drops below 40 °C, the fan stops Continue : The fan rotates unconditionally
		Continue		
	Screenlock	Shut down		Shut down : Not locked during screensaver Turn on : Lock during screensaver operation
		Turn on		
	Screenflip	Shut down		Shut down: Normal display Turn on : The screen flips and the buttons also flip
		Turn on		
	Restore	Shut down		Shut down: Do not restore to factory Turn on: Factory reset, without restoring backend parameters and language settings
		Turn on		
Lamp Info	Use time 00: 00			Display the current information of the lighting fixture

	Current temp 00°C			
	Max temp 00°C			
	Fan state Stop			
	Run VER 250827BY			

4.3 DMX Channel instruction

5 Channels Mode

Channel	Function	DMX Value	Description
1	Dimmer	0-255	Dimmer,0-100%
2	Red	0-255	Red dimming,0-100%
3	Green	0-255	Green dimming,0-100%
4	Blue	0-255	Blue dimming,0-100%
5	White	0-255	White dimming,0-100%

8 Channels Mode

Channel	Function	DMX Value	Description
1	Dimmer	0-255	Dimmer,0-100%
2	Red	0-255	Red dimming,0-100%
3	Green	0-255	Green dimming,0-100%
4	Blue	0-255	Blue dimming,0-100%
5	White	0-255	White dimming,0-100%
6	Strobe	0-5	No function
		6-255	Strobe from slow to fast
7	Auto Mode	0-5	empty
		6-210	Optional color patterns 2-5 channels need to be pushed up for assistance, while 6 channel increase the performance of the effect 6-10 Pattern Summary 11-15 Pattern 1 16-20 Pattern 2 21-25 Pattern 3 26-30 Pattern 4 31-35 Pattern 5 36-40 Pattern 6 41-45 Pattern 7 46-50 Pattern 8 51-55 Pattern 9 56-60 Pattern 10

61-65	Pattern 11
66-70	Pattern 12
71-75	Pattern 13
76-80	Pattern 14
81-85	Pattern 15
86-90	Pattern 16
91-95	Pattern 17
96-100	Pattern 18
101-105	Pattern 19
106-110	Pattern 20
111-115	Pattern 21
116-120	Pattern 22
121-125	Pattern 23
126-130	Pattern 24
131-135	Pattern 25
136-140	Pattern 26
141-145	Pattern 27
146-150	Pattern 28
151-155	Pattern 29
156-160	Pattern 30
161-165	Pattern 31
166-170	Pattern 32
171-175	Pattern 33
176-180	Pattern 34
181-185	Pattern 35
186-190	Pattern 36
191-195	Pattern 37
196-200	Pattern 38
201-205	Pattern 39

			206-210 Pattern 40
		211-255	Not optional color patterns 6 channels increase the performance of the effect 211-215 Grad 216-220 Pulse 221-225 Jump 226-230 Colorful pattern 1 231-235 Colorful pattern 2 236-240 Colorful pattern 3 241-243 Colorful pattern 4 244-246 Colorful pattern 5 247-249 Colorful pattern 6 250-252 Voice control 1 253-255 Voice control 2
8	Auto Speed	0-255	Auto speed, slow to fast

20 Channels Mode

Channel	Function	DMX Value	Description
1	Dimmer	0-255	Dimmer,0-100%
2	R 1	0-255	Dimmer,0-100%
3	G 1	0-255	Dimmer,0-100%
4	B 1	0-255	Dimmer,0-100%
5	W 1	0-255	Dimmer,0-100%
6	R 2	0-255	Dimmer,0-100%
7	G 2	0-255	Dimmer,0-100%
8	B 2	0-255	Dimmer,0-100%

9	W 2	0-255	Dimmer,0-100%
10	R 3	0-255	Dimmer,0-100%
11	G 3	0-255	Dimmer,0-100%
12	B 3	0-255	Dimmer,0-100%
13	W 3	0-255	Dimmer,0-100%
14	R 4	0-255	Dimmer,0-100%
15	G 4	0-255	Dimmer,0-100%
16	B 4	0-255	Dimmer,0-100%
17	W 4	0-255	Dimmer,0-100%
18	Strobe	0-5	No function
		6-255	Strobe from slow to fast
19	Auto Mode	0-5	empty
		6-210	Optional color patterns 2-5 channels need to be pushed up for assistance, while 6 channel increase the performance of the effect 6-10 Pattern Summary 11-15 Pattern 1 16-20 Pattern 2 21-25 Pattern 3 26-30 Pattern 4 31-35 Pattern 5 36-40 Pattern 6 41-45 Pattern 7 46-50 Pattern 8 51-55 Pattern 9 56-60 Pattern 10 61-65 Pattern 11

		66-70	Pattern 12
		71-75	Pattern 13
		76-80	Pattern 14
		81-85	Pattern 15
		86-90	Pattern 16
		91-95	Pattern 17
		96-100	Pattern 18
		101-105	Pattern 19
		106-110	Pattern 20
		111-115	Pattern 21
		116-120	Pattern 22
		121-125	Pattern 23
		126-130	Pattern 24
		131-135	Pattern 25
		136-140	Pattern 26
		141-145	Pattern 27
		146-150	Pattern 28
		151-155	Pattern 29
		156-160	Pattern 30
		161-165	Pattern 31
		166-170	Pattern 32
		171-175	Pattern 33
		176-180	Pattern 34
		181-185	Pattern 35
		186-190	Pattern 36
		191-195	Pattern 37
		196-200	Pattern 38
		201-205	Pattern 39
		206-210	Pattern 40

		211-255	Not optional color patterns 6 channels increase the performance of the effect 211-215 Grad 216-220 Pulse 221-225 Jump 226-230 Colorful pattern 1 231-235 Colorful pattern 2 236-240 Colorful pattern 3 241-243 Colorful pattern 4 244-246 Colorful pattern 5 247-249 Colorful pattern 6 250-252 Voice control 1 253-255 Voice control 2
20	Auto Speed	0-255	Auto speed, slow to fast

32 Channels Mode

Channel	Function	DMX Value	Description
1	R 1	0-255	Dimmer,0-100%
2	G 1	0-255	Dimmer,0-100%
3	B 1	0-255	Dimmer,0-100%
4	W 1	0-255	Dimmer,0-100%
5	R 2	0-255	Dimmer,0-100%
6	G 2	0-255	Dimmer,0-100%
7	B 2	0-255	Dimmer,0-100%
8	W 2	0-255	Dimmer,0-100%
...	...	...	...

29	R 8	0-255	Dimmer,0-100%
30	G 8	0-255	Dimmer,0-100%
31	B 8	0-255	Dimmer,0-100%
32	W 8	0-255	Dimmer,0-100%