

LED Outdoor Par Light

30X10W RGBW 4in1 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 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:300W

Light source: 30*10W high power LED (4 in 1 RGBW)

Channel: 4/6/8 channels

Color mixing: RGBW color mixing, colorful infinite change

Dimming: 4 kinds of dimming curves adjustable

LED PWM Frequency: 600Hz, 1200Hz, 2000Hz, 4000Hz, 12KHz, 25KHz adjustable

Strobe: 0-30Hz

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 power cord input/output

Data connection IP65 DMX cord input/output

LED life: 60,000-100,000 hours

Waterproof rating: IP65

Net weight: 7.6kg

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.

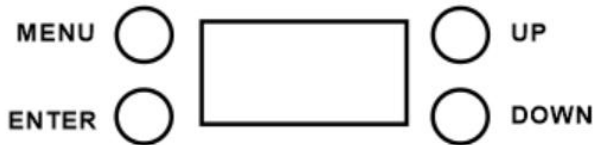
- ☆ If the controller is 5-pin output, it's necessary to use an adaptor to transfer signal from 5-pin output to 3-pin XLR-plug or you can connect cables as following:

3-PIN TO 5-PIN CONERSION CHART

Conductor	3 Pin Female (Output)	5 Pin Male (Input)
Ground/Shiele	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 Display Panel Operation

3.1 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.

3.2 Display panel operation instruction

Menu	Sub-Menu	Function
Address	001—512	Set DMX address 001-512
Channel	4CH	4CH Mode
	6CH	6CH Mode
	8CH	8CH Mode
DMX Fail	Hold	Keeping Controller data

	Blackout	Black field of console data		
Frequency	600HZ	60HZ Refresh Frequency		
	1200HZ	1200HZ Refresh Frequency		
	2000HZ	2000HZ Refresh Frequency		
	4000HZ	4000HZ Refresh Frequency		
	12KHZ	12KHZ Refresh Frequency		
	25KHZ	25KHZ Refresh Frequency		
Custom	Red:0-255	Red manual dimming		
	Green:0-255	Green manual dimming		
	Blue:0-255	Blue manual dimming		
	White:0-255	White manual dimming		
Program	Static	Colour:01-15	15 static color mixing	
		Speed:00-16	Strobe speed (when the speed is 00, it is static color mixing)	
	Auto	Speed:00-16	Color jump	
	Fade	Speed:00-16	Color gradient	
	Sound	Sound:01	Sens:00-99	Sound Mode 1
		Sound:02	Sens:00-99	Sound Mode 2
		Sound:03	Sens:00-99	Sound Mode 3
		Sound:04	Sens:00-99	Sound Mode 4
Key Power	ON/OFF	One-key ON /OFF (MENU key is this function)		
Back Light	Always on	Display Always ON		
	10s	Display will be off for 10 seconds in standby		
	20s	Display will be off for 20 seconds in standby		
	30s	Display will be off off for 30 seconds in		

		standby
Menu Lock	ON/OFF	Key lock ON/OFF (ENTER+DOWN key is this function)
Factory Reset	NO/YES	System self-check Reset
Curve	Led Curve 1	Linear curve
	Led Curve 2	Square curve
	Led Curve 3	Logarithmic curve
	Led Curve 4	S curve
Information	Version V1.0	Software version

3.3 DMX Channel instruction

4 Channels Mode

Channel	Function	Value	Instruction
CH1	R Dimming	1-255	Red Dimming- Dark to Bright
CH2	G Dimming	1-255	Green Dimming- Dark to Bright
CH3	B Dimming	1-255	Blue Dimming- Dark to Bright
CH4	W Dimming	1-255	White Dimming- Dark to Bright

6 Channels Mode

Channel	Function	Value	Instruction
CH1	Dimmer	1-255	Dimmer- Dark to Bright
CH2	Strobe	0-9	OFF
		10-255	Strobe, Slow to fast
CH3	R Dimming	1-255	Red Dimming- Dark to Bright
CH4	G Dimming	1-255	Green Dimming- Dark to Bright
CH5	B Dimming	1-255	Blue Dimming- Dark to Bright
CH6	W Dimming	1-255	White Dimming- Dark to Bright

8 Channels Mode

Channel	Function	Value	Instruction
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CH1	Dimmer	1-255	Total Dimmer- Dark to Bright
CH2	R Dimming	1-255	Red Dimming- Dark to Bright
CH3	G Dimming	1-255	Green Dimming- Dark to Bright
CH4	B Dimming	1-255	Blue Dimming- Dark to Bright
CH5	W Dimming	1-255	White Dimming- Dark to Bright
CH6	Strobe	0-9	OFF
		10-255	Strobe, Slow to fast
CH7	Function	0-9	OFF
		10-50	Static color mixing, 10CH choose color
		51-100	Color jump, 10CH control speed
		101-150	Color Pulse, 10CH control speed
		151-200	Color gradient, 10CH control speed
		201-220	Sound Mode 1
		221-240	Sound Mode 2
241-255	Sound Mode 3		
CH8	Function Speed	1-255	Function Speed