LED Outdoor Wash Light

60X10W 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 PRDUCT

1.1 Product introduction

This product is designed for indoor/outdoor 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

Voltage: AC100-240V, 50/60Hz
Power: 650W
Light Source: 60X10W RGBW 4in1 LED, 2,000K-8,000K
IP Rating: IP65
Lifespan: around 100,000 hours
Housing: Die-casting aluminum, powder-coated finish
Control: DMX 512, 4/6/9CH
Control Mode: DMX, Auto, Master/Slave mode
Dimmer: 0-100%
Strobe: 0-20Hz
Beam angle: 20° - 25º
N.W: 18KG

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

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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 DMX Channel instruction
4/6/9 Channel Mode

4CH	6CH	9CH	Function	Value	Instruction
	1	1	Dimmer	0-255	Dimmer, from dark to bright
	2	2	Strobe	0-3	No function
				4-255	Strobe from slow to fast
1	3	3	Red Dimming	0-255	Red Dimming, from dark to bright
2	4	4	Green Dimming	0-255	Green Dimming, from dark to bright
3	5	5	Blue Dimming	0-255	Blue Dimming, from dark to bright
4	6	6	White Dimming	0-255	White Dimming, from dark to bright
		7	Color Selection	0-31	No function
				32-63	Red
				64-95	Green
				96-127	Blue
				128-159	White
				160-191	Red+Green
				192-223	Red+Blue
				224-255	Green+Blue
		8	Macro Funciton	0-50	No function
				101-150	Color Change
				151-200	Color Gradual
				201-255	Color Pulse
		9	Speed	0-255	Speed from slow to fast

2.3 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 CONRERSION 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 Display panel menu instruction

[MENU] menu selection or return to previous menu.
[ENTER] confirm & quit out current function setting.
[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.

3.2 Display Menu instruction (general)

Show	Function	Item 1
DMX	Address	001~512
	Channel Mode	4 Channel
		6 Channel
		9 Channel
Manual	1.Dimmer	0-255

	2.Strobe	0-255
	3.Red	0-255
	4.Green	0-255
	5.Blue	0-255
	6.White	0-255
Macro	Run Mode	Stop
		Flash
		Fade
		Pulse
	Speed	0-255
System	Host Mode	OFF/ON
	Language	English/Chinese
	Backlight setting	Auto/Keep on
	Cuve	Cuve 1
		Cuve 2
		Cuve 3
		Cuve 4
	Blackout Time(ms)	0-200
Information	Devide Tou(min)	
	About	Soft version