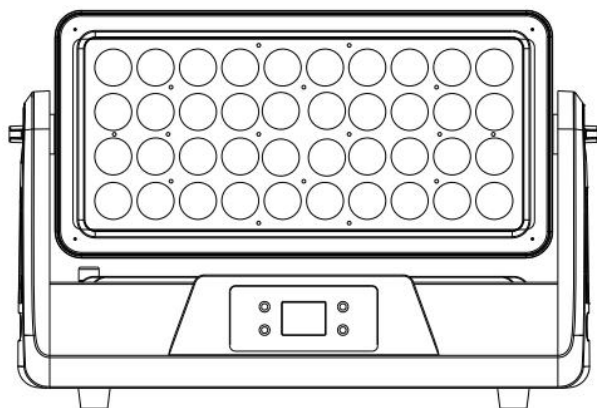

LED Outdoor Wash Light

40X25W 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: 1000W

Light Source: 40X25W RGBW 4in1 LED

IP Rating: IP65

Lifespan: around 100,000 hours

Housing: Die-casting aluminum, powder-coated finish

Control: DMX 512, STAG/ 4/6/HSV CH

Control Mode: DMX, Auto, Master/Slave mode

Dimmer: 0-100%

Strobe: 0-20Hz

Beam angle: 45° (15° /25° /60° optional)

Display: LCD color display with 4 touch buttons

Heat dissipation: intelligent temperature control, active

Waterproof rating: IP65

N.W: 17KG

Power connection IP65 Seetronic power connectors input/output

Data connection IP65 Seetronic DMX connectors input/output

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 DMX Channel instruction

STAG (Standard)

CH	Data	Control function	Instruction
1	0-255	0~100%	Master Dimmer

2	0-13	no function (0Hz) No effect	Strobe
	14-255	1~20Hz Strobe speed slow to fast	
3	0-255	0~100%	Red
4	0-255	0~100%	Green
5	0-255	0~100%	Blue
6	0-255	0~100%	White
7	0-10	no function	Palette (foreground color sharing)
	11-30	Red -> Yellow	
	31-50	Yellow-> Green	
	51-70	Green->Cyan	
	71-90	Cyan->Blue	
	91-110	Blue->Magenta	
	111-130	Magenta->Red	
	131-150	Red->White	
8	151-255	Red 100%, Green 100%, Blue 100%	Auto-running control Auto 7-21 needs to open the front or back background palette
	0-9	no function	
	10-39	Auto0 All cycling auto	
	40-69	Auto1 whole 6-color jump	
	70-99	Auto2 whole 6-color gradient	
	100-129	Auto3 Whole 6-color pulse change	
	130-159	Auto4 Colorful Flow	
	160-189	Auto5 Colorful Convection	
9	190-255	No Effect	Auto speed
	0-255	Auto adjust speed, (slow to fast)	
10	0-5	According to menu settings	Dimmer speed setting
	6-55	Dimming effect - turn off	
	56-105	Dimming delay is fastest (DIM1)	
	106-155	Dimming delay is fast (DIM2)	

	156-205	Dimming delay is slow (DIM3)	
	206-255	Dimming delay is slowest (DIM4)	

4CH(RGBW)

CH	Data	Channel function	Instruction
1	0-255	0-100%, RED	
2	0-255	0-100%, GREEN	
3	0-255	0-100%, BLUE	
4	0-255	0-100%, WHITE	

6CH

CH	Data	Channel function	Instruction
1	0-255	0-100%, Master dimmer	Master dimmer
2	0-255	Strobe	Strobe
3	0-255	0-100%, RED	
4	0-255	0-100%, GREEN	
5	0-255	0-100%, BLUE	
6	0-255	0-100%, WHITE	

HSV

CH	Data	Channel function	Instruction
1	0-255	H Hue (0-100%)	
2	0-256	S Saturation (0-100%)	
3	0-257	V Brightness (0-100%)	

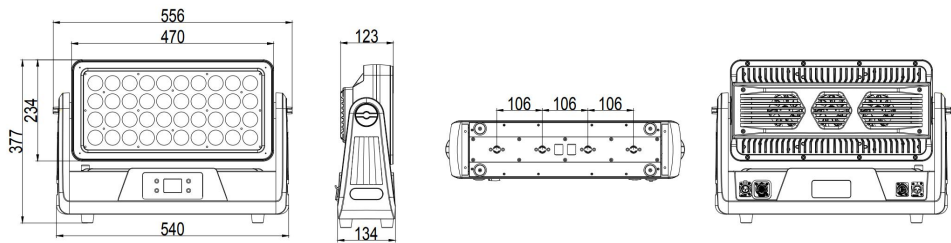
2.3 Special construction for DMX connection

- ☆ 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 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 Display panel menu instruction





[MENU] menu selection or return to previous menu.



[ENTER] confirm 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.

4.2 Display Menu instruction (general)

Main Menu	Sub-Menu1	Sub-Menu2	Instruction
Address	001-512		DMX address, 001-512
Manual	Dimmer	000-255	Dimmer, 000-255
	Red	000-255	Red Brightness 000-255
	Green	000-255	Green Brightness 000-255
	Blue	000-255	Blue Brightness 000-255
	White	000-255	White Brightness 000-255
	Strobe	000-255	Strobe, speed 000-255
Auto	Program1		7 colors change
	Program2		7 colors fade
	Program3		7 color pulse
	Program4		
	Program5		
	Speed	000-255	
Setup	Channel Mode	StagCH/4CH/6CH HSV CH	Channelmode: StagCH 4CH/6CH/HSV CH
	Dimmer Mode	DIM1 DIM2	Dimmer mode 1 Dimmer mode 2

		DIM3	Dimmer mode 3
		DIM4	Dimmer mode 4
		DIM5	Dimmer mode 5
	Dimmer Curve	LINE	
		SQUA	
		INVS	
		S-CU	
	DMX Fail	Blackout	
		Hold	
	Display	Normal	
		Reverse	
	Back light	Always on	Back light keep opening
		30S	Back light 30S OFF
	Wireless DMX	Power	on/off
		Delete Link	No/Yes
	KEY Lock	OFF	Key Lock OFF
	Dimming Freq	Dimming Freq	1.2KHZ-24KHZ
	Fixture ID	Fixture ID	1-66
	Factory Reset		No/Yes
Language	English		Language English
	中文		Language Chinese
System	RDM UID		
	Version		
	DMX Channel		
	RUN TIME		
	Temperature		