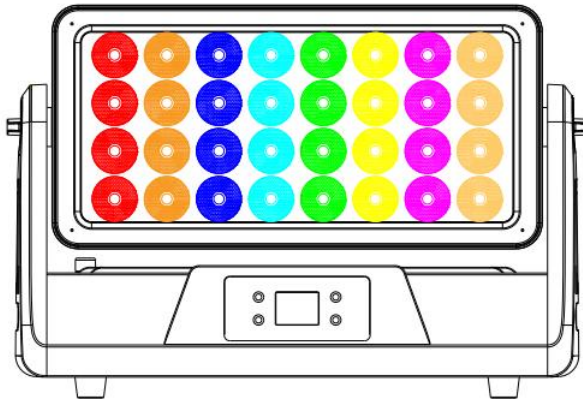

LED Outdoor Wash Light

32X40W 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: 32X40W RGBW 4in1 LED

IP Rating: IP65

Lifespan: around 100,000 hours

Housing: Die-casting aluminum, powder-coated finish

Control: DMX 512, STAG/ 4/6/8/32/40/HSV CH

Control Mode: DMX, Auto, Master/Slave mode

Dimmer: 0-100%

Strobe: 0-20Hz

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

Display: LCD color display with 4 touch buttons

N.W: 17KG

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	
	151-255	Red 100%, Green 100%, Blue 100%	
8	0-10	Black	Background palette
	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	

	151-255	Red 100%, Green 100%, Blue 100%	
9	0-255	0-100%	Brightness of background color
10	0-9	no function	Auto-running control Auto 7-21 needs to open the front or back background palette
	10-19	Auto0 All cycling auto	
	20-29	Auto1 whole 6-color jump	
	30-39	Auto2 whole 6-color gradient	
	40-49	Auto3 Whole 6-color pulse change	
	50-59	Auto4 Colorful Flow	
	60-69	Auto5 Colorful Convection	
	70-79	Auto6 Rainbow windmill	
	80-89	Auto7 Pixel lighting running effect 1	
	90-99	Auto8 Pixel lighting running effect 2	
	100-109	Auto9	
	110-119	...	
	120-179	Auto16 Pixel lighting running effect 10	
	180-255	No Effect	
11	0-255	Auto adjust speed, (slow to fast)	Auto speed
12	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	

8CH(Left and Right screen)

CH	Data	Channel function	Instruction
1	0-255	0-100%, RED	The Left screen
2	0-255	0-100%, GREEN	
3	0-255	0-100%, BLUE	
4	0-255	0-100%, WHITE	
5	0-255	0-100%, RED	The Right screen
6	0-255	0-100%, GREEN	
7	0-255	0-100%, BLUE	
8	0-255	0-100%, WHITE	

32CH(Full Pixel)

CH	Data	Channel function	Instruction
1	0-255	0-100%, Red 1	
2	0-255	0-100%, Green 1	
3	0-255	0-100%, Blue 1	
4	0-255	0-100%, White 1	

5	0-255	0-100%, Red 2	
6	0-255	0-100%, Green 2	
7	0-255	0-100%, Blue 2	
8	0-255	0-100%, White 2	
...	0-100%, Red n/Green n/Blue n/White n	
29	0-255	0-100%, Red 8	
30	0-255	0-100%, Green 8	
31	0-255	0-100%, Blue 8	
32	0-255	0-100%, White8	

34CH(Full Pixel with strobe)

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 1	
4	0-255	0-100%, Green 1	
5	0-255	0-100%, Blue 1	
6	0-255	0-100%, White 1	
7	0-255	0-100%, Red 2	
8	0-255	0-100%, Green 2	
9	0-255	0-100%, Blue 2	
10	0-255	0-100%, White 2	
...	0-100%, Redn/Green n/Blue n/White n	
31	0-255	0-100%, Red 8	
32	0-255	0-100%, Green 8	
33	0-255	0-100%, Blue 8	
34	0-255	0-100%, White 8	

40CH(Full function)

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 1	
4	0-255	0-100%, Green 1	
5	0-255	0-100%, Blue 1	
6	0-255	0-100%, White 1	
7	0-255	0-100%, Red 2	
8	0-255	0-100%, Green 2	
9	0-255	0-100%, Blue 2	
10	0-255	0-100%, White 2	
...	0-100%, Redn/Green n/Blue n/White n	
31	0-255	0-100%, Red 8	
32	0-255	0-100%, Green 8	
33	0-255	0-100%, Blue 8	
34	0-255	0-100%, White 8	
35	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	
	151-255	Red 100%, Green 100%, Blue 100%	
36	0-10	Black	Background palette
	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	
	151-255	Red 100%, Green 100%, Blue 100%	
37	0-255	0-100%	Brightness of background color
38	0-9	no function	Auto-running control
	10-19	Auto0 All cycling auto	
	20-29	Auto1 whole 6-color jump	
	30-39	Auto2 whole 6-color gradient	
	40-49	Auto3 Whole 6-color pulse change	
	50-59	Auto4 Colorful Flow	
	60-69	Auto5 Colorful Convection	
	70-79	Auto6 Rainbow windmill	
	80-89	Auto7 Pixel lighting running effect 1	
	90-99	Auto8 Pixel lighting running effect 2	
	100-109	Auto9	
	110-119	...	
	210-219	Auto21 Pixel lighting running effect 14	
	220-255	No Effect	
39	0-255	Auto adjust speed, (slow to fast)	Auto speed setting
40	0-5	According to menu settings	Channel 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)	

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/ 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 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)

Main menu	Submenu	Specification	Function describe
Addr	1-512		DMX starting address 1-512
Chan	STAG	Basic channel, default settings for appearance	Channel mode settings, see "Channel Table"
	4CH		
	6CH		
	8CH		
	32CH		
	34CH		
	40CH		
	HSV		
Auto	Au 0	S000-255 (slow-fast)	All cycling auto
	Au 1	S000-255 (slow-fast)	whole 6-color jump
	Au 2	S000-255 (slow-fast)	whole 6-color gradient
	Au 3	S000-255 (slow-fast)	Whole 6-color pulse change
	Au 4	S000-255 (slow-fast)	Colorful Flow
	Au 5	S000-255 (slow-fast)	Colorful Convection

	Au 6	S000-255 (slow-fast)	Rainbow windmill
	Au 7	S000-255 (slow-fast)	Pixel lighting running effect 1
	Au 8	S000-255 (slow-fast)	Pixel lighting running effect 2
	...		
	Au 20	S000-255 (slow-fast)	Pixel lighting running effect 14
Stat	C 01-15	C.01-15	This menu is predefined color mode. After entering, it will automatically send data as host, totaling 15 colors.
	R000-255	R.000-255	This menu is in static color mode and automatically sends data to slaves after entering. Each color can be adjusted arbitrarily.
	G000-255	G.000-255	
	B000-255	B.000-255	
	W000-255	W.000-255	
	St00	ST.00-20	0-20Hz Strobe frequency setting
Dimm	OFF		In channel dimming speed setting, DIM_OFF indicates that the brightness value is instantaneous excessive, DIM1 is fast, DIM2 is fast, DIM3 is slow, and DIM4 is the slowest. (Control channel dimming))
	DIM1		
	DIM2		
	DIM3		
	DIM4		
bacE	OFF		Delay 30 seconds to extinguish screen
	ON		Back light lights on
Info	Auto		Manufacturer Testing Mode
	Hour		Lighting service life
	Vers		Software version
	Temp		Internal temperature
Defa	No		Not restore factory value
	Yes		All parameters are restored to factory value