

LED Outdoor Wash Light

80X15W 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

1.1Product 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: 800W

Light Source: 80X15W RGBW 4in1 LED

IP Rating: IP65

Lifespan: around 50,000 hours

Housing: Die-casting aluminum, powder-coated finish

Control: DMX 512, 8/12/4CH

Control Mode: DMX, Auto, Master/Slave mode

Dimmer: 0-100%

Strobe: 0-20Hz

Beam angle: 15/25/45/60 degree Optional

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

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

8CH channel

CH	Function	Illustrate
Channel 1	Total dimming	Total dimming, linear dimming, from dark to light
Channel 2	Total strobe	Total strobe, from slow to fast
Channel 3	Choice of features	0- 5 empty; 6- 25 jump change 1 26- 50 jump 2 51- 75 jumps into 3 76- 100 jumps to 4 101-125 Gradient 1 126-150 gradient 2 151-175 gradient 3 176-200 Gradient 4 201-225 Gradient 5 201-255 voice-activated
Channel 4	Speed of function	Functional speed, from slow to fast
Channel 5	R dimming	R dimming, linear dimming, from dark to light
Channel 6	G dimming	G dimming, linear dimming, from dark to light
Channel 7	B dimming	B dimming, linear dimming, from dark to light
Channel 8	W dimming	W dimming, linear dimming, from dark to light

12CH channel

CH	Function	Illustrate
Channel 1	Total dimming	Total dimming, linear dimming, from dark to light
Channel 2	Total strobe	Total strobe, from slow to fast
Channel 3	Choice of features	0- 5 empty; 6- 25 jump change 1 26- 50 jump 2 51- 75 jumps into 3 76- 100 jumps to 4 101-125 Gradient 1 126-150 gradient 2 151-175 gradient 3 176-200 Gradient 4 201-225 Gradient 5 201-255 voice-activated
Channel 4	Speed of function	Functional speed, from slow to fast
Channel 5	R dimming	R dimming, linear dimming, from dark to light
Channel 6	G dimming	G dimming, linear dimming, from dark to light
Channel 7	B dimming	B dimming, linear dimming, from dark to light
Channel 8	W dimming	W dimming, linear dimming, from dark to light
Channel 9	R1 dimming	R1 dimming, linear dimming, from dark to light
Channel 10	G1 dimming	G1 dimming, linear dimming, from dark to light
Channel 11	B1 dimming	B1 dimming, linear dimming, from dark to light
Channel 12	W1 dimming	W1 dimming, linear dimming, from dark to light

4CH Channel

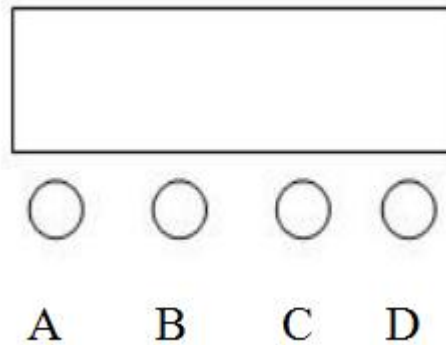
CH	Function	Illustrate
Channel 1	R dimming	R dimming, linear dimming, from dark to light
Channel 2	G dimming	G dimming, linear dimming, from dark to light
Channel 3	B dimming	B dimming, linear dimming, from dark to light
Channel 4	W dimming	W dimming, linear dimming, from dark to light

RDM Description

CH	Function	Illustrate
1	Feedback (Address Code)	It can be changed freely
2	Feedback (channel mode)	It can be changed freely
3	Feedback (device temperature)	No changes

PART 3 Display Panel Operation

3.1 Display panel menu instruction



[A-Menu] menu selection or return to previous menu.

[B-UP] press [UP] through the menu list to increase/change the value of the current function.

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

[D-Enter] confirm & quit out current function setting.

3.2 Display Menu instruction (general)

CH	Display	Feature description
1	A001	Channel address code, (001—512) B and C keys add or subtract the address code value
2	8CH—12CH—4CH	Multiple channel mode selections
3	CC 99	Colorful Jump, (00-99)The B and C keys modify the speed of the colorful jump
4	CP99	Colorful gradient, (00-99)The B and C keys modify the speed of the colorful gradient
5	SOUd	Colorful voice-activated changes
6	R255	Red color selection, (000-255) B and C keys to modify the color selection
7	G255	Green color selection, (000-255) B and C keys to modify the color selection
8	B255	Blue color selection, (000-255) B and C keys to modify the color selectionB and C keys to modify the color selection
9	U255	White color selection, (000—255) B and C keys to modify the color selection

10	TU-1	Illuminated area selection Both sections of the TU-1 can be lit up The first section of the TU-2 can be lit up, the second section is not The second section of the TU-3 can be lit up, and the first section is not This function is only valid for the display when the lamp is out of color, and the DMX512 mode is not valid
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Part 4 Maintenance

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days.
- Clean the internal optics at least every 30/60 days – Up to vary products.

Please ask professional technical to clean waterproof products and make sure the fixture will be reassembled well for waterproof.

Part 5 Production Size

