61*30W Moving Head Wash Light

Thank you to choose our 61x30W movinghead wash light. To use this product correctly and safely, please carefully read the instructions before installing and using it. This manual contains important installation and application information. Please strictly follow the instructions when installing and operating the product. Meanwhile, please keep this manual properly.

1. Remove the packing

For the correct and safe use of this product, please read the instructions carefully before installing and using this product. This instruction contains important installation and application information, and please strictly follow the operation steps in the instructions when installing and operating the product. At the same time, please keep this instruction properly.

The 61x30W movinghead wash light is designed and produced in strict accordance with CE standards, and comply with the international standard DMX512 signal protocol. They can be used separately or online, and have the characteristics of fast rotation, low noise and powerful functions. They are suitable for small and medium-sized concerts, theaters, studios, nightclubs and bars.

Please be careful to remove the package. After removing the package, check whether the product is damaged during transportation and check whether the following contents are complete.

61x30W wash movinghead light----1

signal cable----1

Instruction manual----1

power cord----1

2. Safety instructions

Attention! Please be careful before operating this product. This product is a high voltage product, and you may be electrocuted if you touch the wire!

This product is in good condition before leaving the factory. In order to maintain the good condition of this product and ensure safe operation, users should follow the safety matters and warnings in this manual.

Important: Damage caused by non-compliance with this manual is not covered by the warranty. The supplier is not responsible for product problems arising therefrom.

If the product has been exposed to extremely unstable temperature environment (such as after transportation), please do not immediately connect the power supply of the product, because the water droplets caused by temperature changes may damage the product. Please use the product after it has returned to normal temperature.

This product can be used in the voltage range of AC 90-240V, which is used indoors. Please ensure that the ground voltage is not higher than the range that the product can withstand!! The power plug must be plugged into a class I socket with good protection. The green or tea-colored conductor must be grounded.

Please check the power cord of this product regularly. Ensure that the power cord is not folded or damaged, and do not connect it to other wires! Pay special attention when connecting the power cord or related wires. Unplug the power cord before using this product or cleaning.

Before using the product, please familiarize yourself with the operation function of the product. Please do not let children or unprofessional personnel touch the product.

Please do not shake this product. Do not use brute force when installing or operating the product. Do not allow unprofessional personnel to operate the product. Most damage is caused by unprofessional operation.

The product is not equipped with relevant maintenance parts. The maintenance and repair of the product can only be carried out by professionals!

Please do not change this product without authorization, otherwise the product may be damaged, so the damage caused is not covered by the warranty. In addition, unprofessional operation may lead to short circuit, burns or electric shock, etc.

3. Operation instructions

--This product is a movinghead wash light, used to create the wash effect of performance.

--If the product has been exposed to a large temperature difference (for example, after transportation), do not start the product immediately, because the hot account cold shrinkage will damage the product. Please

wait until the equipment reaches normal room temperature before starting the product.

--Pay attention to shockproof. Avoid strong collision during installation.

--Please do not lift the entire product through the light head, because the mechanical damage of the equipment may be caused.

--When selecting the installation location, make sure the product is not exposed to overheating, too wet or dusty places. Do not place any wires on the ground, otherwise there may be a risk of electric shock.

--Before installing the product, make sure that the installation point is safe

--Secure the product with a safety rope and check all screws for correct installation

--Please ensure that the lens is in good condition. When the lens is damaged or scratched, please replace the lens.

It is recommended that the product be operated by a technician familiar with the product. Non-technical personnel are prohibited from operating this equipment, because many losses are the result of non-professional operation.

--Please keep the packing materials properly in case of secondary transportation.

--Do not change the product without the guidance of the manufacturer or distributor.

--Any equipment failure caused by not operating the equipment according to the instructions is not covered by the warranty. And any accident caused by short circuit, injury, electric shock, ultraviolet light, bulb explosion and so on are not covered by the warranty.

4. Product size diagram
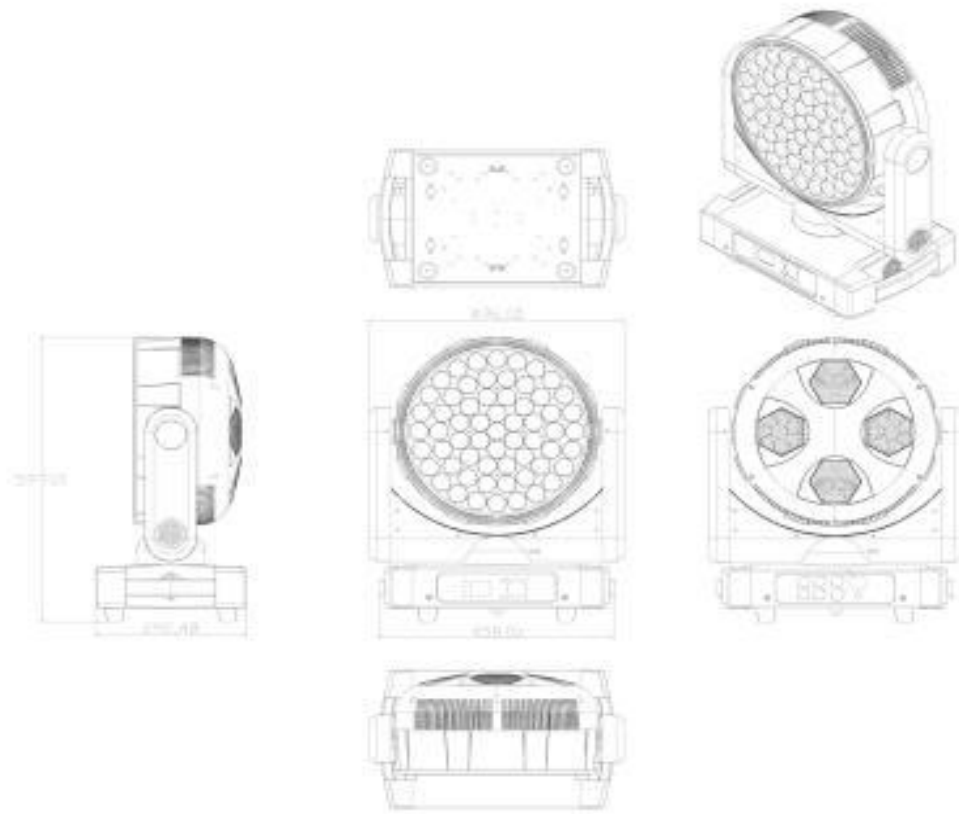
5. Product Parameter

Voltage: AC100V~240V 50/60Hz

Rated power: 2000W

Light source: 61 x 30W RGBW LED 6065

Internal auxiliary LED: 366 x 0.2W LED 3535RGB

External auxiliary LED: 93 x 0.2W LED 5050RGB

Life time: 30000 hours

Colors: R,G,B,W

Focus: 5°-48° DMX linear focusing

Color temperature control: CTO DMX linear dimming

Electronic strobe, 0.3-25 times/second, can choose synchronous or asynchronous random strobe

Dimming: Electronic dimming with 0-100% linear adjustment, with gamma curve dimming frequency adjustable from 1.2K to 25K, macro

command dimming with linear stability and smoothness without flicker, using stable constant current drive and power supply, suitable for video recording and shooting

Rotation angle: The XY axis is driven by a high-speed silent 60 thick three-phase motor, coupled with a high-precision imported magnetic coding positioning device, making the operation positioning more accurate. When there is a misoperation, it can automatically return to its original position, and the horizontal and vertical speeds can be adjusted; XY axis rotation function and reverse function

Horizontal direction: 540˙ (16 bit precision scan),
Vertical direction: 270(16 bit precision scan)

Control mode: 21 (simplified) 21CH/49CH/204CH/232CH/265CH (standard) 5 channel control modes, standard DMX512 protocol, RDM protocol

Control interface: DMX512 interface (3-core/optional 5-core), power cord handle socket

Sleep function: Advanced technology is used to achieve remote sleep function. When the light fixture disconnects the signal, it automatically enters sleep mode, making the light fixture more stable and safe

Display function: 2.8-inch touch screen display, bilingual menu in Chinese and English, sensor fault display, temperature display

Heat dissipation system: using high conductivity copper tube heat sink, fan intelligent monitoring technology automatically adjusts fan speed according to light temperature, built-in overheat protection intelligent system/intelligent temperature and noise balance module

Support network protocol Artnet and upgrade interface with USB

Working temperature: -10°C~45°C

Packaging: waterproof and shockproof aviation box or cardboard box

Net weight: 22.45 kg

Gross weight: 25.5kg

Carton size: 59.5 * 56.5 * 50cm

6. *channel table*

CH 21	CH 49	CH 204	CH 232	CH 265	function	DMX numeric value	description
1	1	1	1	1	red	0-255	Red is linearly dimmed from dark to bright
2	2	2	2	2	Red fine	0-255	Red fine
3	3	3	3	3	green	0-255	The green is linearly dimmed from dark to bright
4	4	4	4	4	Green fine	0-255	Green fine
5	5	5	5	5	blue	0-255	The blue is linearly dimmed from dark to light
6	6	6	6	6	Blue fine	0-255	Blue fine
7	7	7	7	7	white	0-255	The white is linearly dimmed from dark to

							light
8	8	8	8	8	White fine	0-255	White fine
9	9	9	9	9	Color temperature adjustment	0-255	Linear color temperature adjustment
10	10	10	10	10	Color macro	0-255	Built-in color gradient
11	11	11	11	11	Strobe	0-3	lighting-off
						4-103	The synchronous flicker speed is from slow to fast (1HZ-25HZ)
						104-107	light up
						108-207	The flash rate is divided from slow to fast (1HZ-25HZ)
						208-212	light up
						213-225	Low speed random flash
						226-238	Medium speed random flashing
						239-251	High speed random flash
						252-255	light up
12	12	12	12	12	General dimming	0-255	Linear dimming from dark to light
13	13	13	13	13	General dimming fine	0-255	General dimming fine adjustment

							control
14	14	14	14	14	Pan	0-255	horizontal control
15	15	15	15	15	Pan fine	0-255	Level fine-tuning control
16	16	16	16	16	Tilt	0-255	vertical control
17	17	17	17	17	Tilt fine	0-255	Vertical fine-tuning control
18	18	18	18	18	macro	0-255	Built-in
19	19	19	19	19	reset	0-25	NF
						26-76	The fixture is reset in 5 seconds
						77-127	XY reset for 5s is effective
						128-255	Full reset is valid for 5 seconds
20	20	20	20	20	focus	0-255	focus
21	21	21	21	21	NF	-	-
/	22	/	22	/	Built-in effects (Effect color to be used)	0-7	not have
						8	Static effect 1
						9	Static effect 2
						10	Static effect 3
						11	not have
						12	Static effect 4
						13	Static effects 5
						14	not have
						15	Dynamic effect 1

							16	Dynamic effect 2
							17	Dynamic effect 3
							18	Dynamic effect 4
							19	Random single color
							20	Full color random
							21	Rainbow effect 1
							22	Rainbow effect 2
							23	Dynamic effect 5
							24	Dynamic effect 6
							25	Dynamic effect 7
							26	Dynamic effect 8
							27	Dynamic effect 9
							28	Dynamic effect 10
							29	Dynamic effect 11
							30	Dynamic effect 12
							31	Dynamic effect 13
							32	Dynamic effect 14
							33	not have
							34	not have
							35	Dynamic effect 15
							36	Dynamic effect 16
							37	Dynamic effect 17
							38	Dynamic effect 18
							39	Dynamic effect 19
							40	Dynamic effect 20

							41	not have
							42	Dynamic effect 21
							43	not have
							44	Dynamic effect 22
							45	Dynamic effect 23
							46	Dynamic effect 24
							47	Dynamic effect 25
							48	Dynamic effect 26
							49	Dynamic effect 27
							50	Dynamic effect 28
							51	Dynamic effect 29
							52	Dynamic effect 30
							53	Dynamic effect 31
							54	Dynamic effect 32
							55	Dynamic effect 33
							56	Dynamic effect 34
							57	Dynamic effect 35
							58	Dynamic effect 36
							59	Dynamic effect 37
							60	Dynamic effect 38
							61	Random location 1
							62	Random location 2
							63	Random location 3
							64	not have
							65	Random location 4
							66	Random location 5

					67	Dynamic effect 39
					68	Dynamic effect 40
					69	not have
					70	Dynamic effect 41
					71-255	not have
	23		23	Effect speed	0-63	The effect is static
					64-158	The positive direction is from fast to slow
					159-160	static
					161-255	The reverse goes from slow to fast
	24		24	The effect fades	0-255	The dynamic effect fades
	25		25	The effect is red	0-255	Dynamic effect red
	26		26	The effect is green	0-255	Dynamic effect green
	27		27	The effect is blue	0-255	Dynamic effect is blue
	28		28	The effect is white	0-255	Dynamic effect white
	29		29	Adjust the light	0-255	Pattern 0-100% dimming
	30		30	Backgro und dimmin	0-255	Background 0-100% dimming

				g		
31		31		Effect transitions	0-255	Pattern change control
32		32		Effect enhancements	0-255	The pattern is translated
33		33		The prospects are flashing	0-255	Frequency flicker (same as channel 11)
34		34		Background strobe	0-255	Background strobe (same as channel 11)
35		35		background selection	0-255	background selection
36		36		Light strip dimming	0-255	The light strip is dimmed linearly from dark to bright
37		37		The light strip flashes	0-4	light up
					5-250	Synchronous strobe goes from slow to fast
					251-255	light up
38		38		The light strip is red	0-255	The red light strip is linearly dimmed from dark to bright
39		39		The light strip is	0-255	The green light strip is linearly dimmed from dark to bright

				green		
40		40		The light strip is blue	0-255	The blue light strip is dimmed to bright with linear dimming
41		41		Light strip effect	0-51	NF
					52-255	Light strip effect (4 numbers for one effect)
42		42		Light strip effect speed	0-255	The speed of the light strip effect increases from slow to fast
43		43		Fill light dimming	0-255	The fill light is linearly dimmed from dark to bright
44		44		Fill flash	0-4	light up
					5-250	Synchronous strobe goes from slow to fast
					251-255	light up
45		45		Auxiliary red dimming	0-255	The auxiliary red light is linearly dimmed from dark to bright
46		46		Auxiliary green dimming	0-255	The auxiliary light green is linearly dimmed from dark to bright
47		47		Auxiliary blue dimming	0-255	The auxiliary light blue is linearly dimmed from dark to bright
48		48		Fill light	0-6	NF

				effect	7-255	Fill light effect (one effect per 7 numbers)
49		49		Speed of fill effect	0-255	The speed of the fill effect goes from fast to slow
/	22	50	22	R1 LED dimming	0-255	R1 LED dimming
/	23	51	23	G1 LED dimming	0-255	G1 LED dimming
/	24	52	24	B1 LED dimming	0-255	B1 LED dimming
/		/	25	W1 LED dimming	0-255	W1 LED dimming
/	25	53	26	R2 LED dimming	0-255	R1 LED dimming
/	...	...		...	0-255	......
/	202	230	262	R61 LED dimming	0-255	R61 LED dimming
/	203	231	263	G61 LED dimming	0-255	G61 LED dimming
/	204	232	264	B61 LED dimming	0-255	B61 LED dimming
/	/	/	265	W61	0-255	W61 LED dimming

					LED dimming		