OPTONICA

LED Displays & Stage Lights

Infinite 5x60w Zoom Pixel Beam Wash+Strobe Bar LED Moving Head



User manual

Please read this user manual before using this product

Checking before using

No.	Item	Quan	Unit
1	Light	1	piece
2	Power cable with blue head	1	piece
3	User manual	1	piece

□For security reasons and in accordance with the terms, reassemble or modify the product is not allowed without permission. Please note that due to human damage caused by improper use of the product, it will break the warranty qualification. Moreover, the unprofessional operation may lead to short circuits, burns or electric shock, and so on.

□This device has been full inspection before shipping. For your safety, please operate it according the User Manual.

□If any damage caused by improper operation will result in the termination of the warranty claims. The manufacturer does not accept any responsibility of property damage due to improper operation or personal injury due to non-compliance with the operating instructions.

□Keep the manual in a safe place for future reference as well as after the product sale, lease, etc.

□Note: Based on product improvements, specification may change without notice. Changes in product specifications related rights will be reserved.

1. Safety Instruction



1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.
2. AC Power: Check whether the local power supply is accordance with the
requirements of the product rated voltage.
3. The product is only suitable for indoor working environment. The light should
keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.
4. Please do not install the light directly on the surface of the combustible substance.
5. The people who install, operate and maintain of light professional certificate required.
6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.
7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.
8. To make sure the light working environment temperature, the highest do not exceed 40□, the lowest do not exceed - 20 □.
9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 □,

please do not touch.

10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Before performing any installation, repair and cleaning of the lamp, please confirm that the power cable has been cut off.

2. Product specification

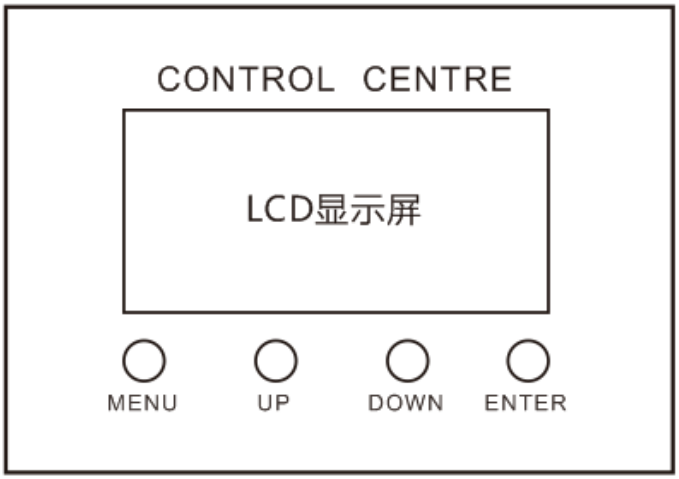
1. Voltage: AC100-240V 50-60Hz
2. Power Consumption:500W
3. Light Source: 5×60w RGBW,42pcs 3535 hightlighting-white LEDs,84pcs 5050 RGB LEDs
4. Working modes: DMX 512,Built-in multiple effects program,Sound (Audio) Active,Auto
5.DMX Channel: 24CH/29CH/105CH
6. Dimming technology:FLICKER FREE 10KHz dimmer refresh PWM stuttering, shooting, camera FLICKER FREE.
7. Applicable scenario: music festival, bar, qing bar, KTV rooms and other places....

3. Display Main Function

Address	1-512	
RUN	DMX512	
	Auto	
DMX MODE	CH24	
	CH29	
	CH105	
SET	DISPLAY	No/Yes
	Signal Keep	No/Yes

		Slave	No/Yes
INFO	Version	Vx.xx	
MANUAL	Pan		
	Tilt		
	:		
	:		
	Strobe		
RESET	All Reset	No/Yes	

4. LCD Display Function Instruction



6. DMX 512 Channel-24CH

24CH	Function	DMX Value	Description
1	Pan	0-255	0-100%
2	Pan Fine	0-255	0-100%
3	Tilt	0-255	0-100%
4	Tilt Fine	0-255	0-100%

5	Zoom	0-255	0-100%
6	Pan Infinite	0-255	0-100%
7	Tilt Infinite	0-255	0-100%
8	Dimmer	0-255	0-100%
9	Strobe	0-19	No Function
		20-255	Strobe from slow to fast
10	Red	0-255	0-100%
11	Green	0-255	0-100%
12	Blue	0-255	0-100%
13	White	0-255	0-100%
14	Background Color	0-10	No Function
		11-255	Background Color
15	Background Color Dimmer	0-255	0-100%
16	Show	0-10	No Function
		11-20	Show 1
		:	:
		241-250	Show 24
		251-255	Show 1-24
17	Show Speed	0-255	Show speed from slow to fast
18	Auxiliary-Light Strobe	0-19	No Function
		20-255	Strobe from slow to fast
19	Auxiliary-Light	0-10	No Function

	Macro Color	11-25	Red
		24-40	Green
		41-55	Blue
		56-70	White
		71-85	Red+Green
		86-100	Red+Blue
		101-115	Green+Blue
		116-130	Red+White
		131-145	Green+White
		146-160	Blue+White
		161-175	Red+Green+White
		176-190	Red+Blue+White
		191-205	Green+Blue+White
		206-255	Red+Green+Blue+White
20	Auxiliary-Light Background Color	0-10	No Function
		11-255	Background Color
21	Auxiliary-Light Background Color Dimmer	0-255	0-100%
22	Auxiliary-Light Show	0-10	No Function
		11-20	Show 1
		:	:

		241-250	Show 24
		251-255	Show 1-24
23	Auxiliary-Light Show Speed	0-255	Show speed from slow to fast
24	Reset	0-250	No Function
		251-255	Reset

7. DMX 512 Channel-29CH

29 CH	Function	DMX Value	Description
1	Pan	0-255	0-100%
2	Pan Fine	0-255	0-100%
3	Tilt	0-255	0-100%
4	Tilt Fine	0-255	0-100%
5	Pan Tilt Speed	0-255	0-100%
6	Zoom	0-255	0-100%
7	Pan Infinite	0-255	0-100%
8	Tilt Infinite	0-255	0-100%
9	Dimmer	0-255	0-100%
10	Strobe	0-19	No Function
		20-255	Strobe from slow to fast
11	Red	0-255	0-100%
12	Green	0-255	0-100%

13	Blue	0-255	0-100%
14	White	0-255	0-100%
15	Background Color	0-10	No Function
		11-255	Background Color
16	Background Color Dimmer	0-255	0-100%
17	Show	0-10	No Function
		11-20	Show 1
		:	:
		241-250	Show 24
		251-255	Show 1-24
18	Show Speed	0-255	Show speed from slow to fast
19	Auxiliary-Light Dimmer	0-255	0-100%
20	Auxiliary-Light Strobe	0-19	No Function
		20-255	Strobe from slow to fast
21	Auxiliary Red	0-255	0-100%
22	Auxiliary Green	0-255	0-100%
23	Auxiliary Blue	0-255	0-100%
24	Auxiliary White	0-255	0-100%
25	Auxiliary-Light Background Color	0-10	No Function
		11-255	Background Color

26	Auxiliary-Light Background Color Dimmer	0-255	0-100%
27	Auxiliary-Light Show	0-10	No Function
		11-20	Show 1
		:	:
		241-250	Show 24
		251-255	Show 1-24
28	Auxiliary-Light Show Speed	0-255	Show speed from slow to fast
29	Reset	0-250	No Function
		251-255	Reset

8. DMX 512 Channel-105CH

105 CH	Function	DMX Value	Description
1	Pan	0-255	0-100%
2	Pan Fine	0-255	0-100%
3	Tilt	0-255	0-100%
4	Tilt Fine	0-255	0-100%
5	Pan Tilt Speed	0-255	0-100%
6	Zoom	0-255	0-100%
7	Pan Infinite	0-255	0-100%

8	Tilt Infinite	0-255	0-100%
9	Dimmer	0-255	0-100%
10	Strobe	0-19	No Function
		20-255	Strobe from slow to fast
11	Red	0-255	0-100%
12	Green	0-255	0-100%
13	Blue	0-255	0-100%
14	White	0-255	0-100%
15	Background Color	0-10	No Function
		11-255	Background Color
16	Background Color Dimmer	0-255	0-100%
17	Show	0-10	No Function
		11-20	Show 1
		:	:
		241-250	Show 24
		251-255	Show 1-24
18	Show Speed	0-255	Show speed from slow to fast
19	Auxiliary-Light Dimmer	0-255	0-100%
20	Auxiliary-Light Strobe	0-19	No Function
		20-255	Strobe from slow to fast
21	Auxiliary Red	0-255	0-100%

22	Auxiliary Green	0-255	0-100%
23	Auxiliary Blue	0-255	0-100%
24	Auxiliary White	0-255	0-100%
25	Auxiliary-Light Background Color	0-10	No Function
		11-255	Background Color
26	Auxiliary-Light Background Color Dimmer	0-255	0-100%
27	Auxiliary-Light Show	0-10	No Function
		11-20	Show 1
		:	:
		241-250	Show 24
		251-255	Show 1-24
28	Auxiliary-Light Show Speed	0-255	Show speed from slow to fast
29	Reset	0-250	No Function
		251-255	Reset
:	:	:	:
102	Auxiliary Red 14	0-255	0-100%
103	Auxiliary Green 14	0-255	0-100%
104	Auxiliary Blue 14	0-255	0-100%
105	Auxiliary White 14	0-255	0-100%