

19X15W Zoom Wash Bee Eye Led Moving Head



User Manual

1. PACKAGE CONTENTS

1× 19pcs 15w rgbw 4in1 led wash beam moving head light with pixel control
1×Mounting bracket
1×AC power cord
1×User's manual
1× 3pin Signal cord

2. TECHNICAL PARAMETER

Input Voltage:100-240V 50/60Hz

Maximum power:350W

Light Source : 19 RGBW LEDs driven at 15 Watt

Color Temperature: 6,000 K

Life: 50,000 hrs

Beam Angle : 4°-60° Electronic Zoom Range

EFFECTS SECTION

Three operating modes: wash, beam, FX (Kaleido effects)

Bi-directional Rotating Front Lens

Digital Wash-Beam Framing effect

Beam edge softening control (in Wash mode)

Pixel Patterning Macros with enhanced control

0-100% linear electronic dimmer

Adjustable speed stop/strobe effect, with instantaneous blackout

Dedicated channel for color temperature setting

White CT Emulation 2500-8000K

RGBW auto-tuning to lamp CT Emulation

Tungsten Lamp Emulation

Slow Strobe: 1 flash/sec; Fast Strobe: 25 flash/sec

CONTROL AND PROGRAMMING

DMX protocol signal: USITT DMX 512

Art-Net / RDM

Pan/Tilt Resolution: 16 bit

Dimmer Resolution: 16 bit

DMX signal connection: 3 XLR input & output

Software upload through DMX input

DMX Channel: 21CH/23CH/35CH/78CH /92CH/97CH/99CH

Pan Movement Rang: 540°

Tilt Movement Rang: 270°

N.W.: 17kg

G.W.: 19kg

3.Menu Display

Main Menu	Sub Menu	Remark
DMX Address	001 - 512	
System setting	Run Mode	DMX/Sound/Auto1/Auto2
	Dmx mode	21CH/23CH/35CH/78CH/97CH/ 99CH
	Pan Invert	Close/Open
	Tilt Invert	Close/Open
	Hall	Close/Open
	Encode	Close/Open
	DMX Keep	Close/Open
	Display Protect	Close/Open
	Display Flip	Close/Open/Auto
	update	Close/Open
	Language	Chinese/EN
	Factory	
Manual	Value	000-255
System Calibration	Pan	000-255
	Tilt	000-255
	Zoom	000-255
	Rotation	000-255
	Red balance	000-255
	Green balance	000-255
	Blue balance	000-255
	White balance	000-255

	Power	000-255
	MIC	000-255
	Code	...
System Reset	Effect Reset	...
	P/T Reset	...
	ALL	Fixture Reset
Information	Reset information	...
	DMX Data Detection	...
	Sensor Information	...
	Hardware Version	...
	Software Version	...

3.Channel

21Channel

Channel	Function	DMX Value	Description
1	red	0-255	Red
2	Red fine	0-255	Red fine
3	green	0-255	Green
4	Green fine	0-255	Green fine
5	blue	0-255	Blue
6	Blue fine	0-255	Blue fine
7	white	0-255	White
8	White fine	0-255	White fine
9	Linear CTO	0-255	Linear CTO
10	Macro	0-255	Macro colour
11	Strobe	0-3	Open

		4-203	Synchronized strobe speed from slow to fast
		204-255	Random strobe
12	Dimmer	0-255	Dimmer
13	Dimmer Fine	0-255	Dimmer Fine
14	Pan	0-255	Pan
15	Pan Fine	0-255	Pan Fine
16	Tilt	0-255	Tilt
17	Tilt Fine	0-255	Tilt Fine
18	Function	0-255	Function
19	Reset	0-255	Reset
20	Zoom	0-255	Zoom
21	Zoom Rotation	0-127	Zoom Rotation
		128-191	....
		192-255	....

23 channel

Channel	Function	DMX Value	Description
1	Pan	0-255	Pan
2	Pan Fine	0-255	Pan Fine
3	Tilt	0-255	Tilt
4	Tilt Fine	0-255	Tilt Fine
5	Function	0-255	Function
6	zoom	0-255	zoom
7	Zoom ration	0-127	Zoom Rotation
		128-191	....
		200-255	....
8	Dimmer	0-255	Dimmer
9	Strobe	0-3	Open
		4-203	Synchronized strobe speed from slow to fast
		204-255	Random strobe
10	Red	0-255	

11	Green	0-255	Green
12	Blue	0-255	Blue
13	White	0-255	White
14	cto	0-255	cto
15	wash	0-255	wash
16	Static effect	0-255	Static effect
17	Dynamic effect	0-255	Dynamic effect
18	Effect speed	0-255	Effect speed
19	Bred	0-255	Blackground red
20	BGreen	0-255	Blackground green
21	BBlue	0-255	Blackground green
22	BW	0-255	Blackground white
23	reset	0-250	No function
		250-255	

35 channel

Channel	Function	DMX Value	Description
1	red	0-255	Red
2	Red fine	0-255	Red fine
3	green	0-255	Green
4	Green fine	0-255	Green fine
5	blue	0-255	Blue
6	Blue fine	0-255	Blue fine
7	white	0-255	White
8	White fine	0-255	White fine
9	Linear CTO	0-255	Linear CTO
10	Macro	0-255	Macro colour
11	Strobe	0-3	Open
		4-203	Synchronized strobe speed
		204-255	Random strobe
12	Dimmer	0-255	Dimmer
13	Dimmer Fine	0-255	Dimmer Fine
14	Pan	0-255	Pan
15	Pan Fine	0-255	Pan Fine
16	Tilt	0-255	Tilt

17	Tilt Fine	0-255	Tilt Fine
18	Function	0-255	Function
19	Reset	0-250	No function
		251-255	5S
20	Zoom	0-255	Zoom
21	Zoom Rotation	0-127	
		128-191	....
		192-255	....
22	Shape rotation	0-255	Shape rotation
23	speed	0-255	speed
24	Shape effect fade	0-255	Shape effect fade
25	Shape Red	0-255	Shape Red
26	Shape Green	0-255	Shape Green
27	Shape Blue	0-255	Shape Blue
28	Shape White	0-255	Shape White
29	Shape dimmer	0-255	Shape dimmer
30	Shape back	0-255	Shape back
31	Shape Transition	0-255	Shape Transition
32	Shape Offset	0-255	Shape Offset
33	Foreground	0-255	Foreground Strobe
34	Background	0-255	Background Strobe
35	Background	0-255	Background Select

78 Channel

Channel	Function	DMX Value	Description
1	red	0-255	Red
2	Red fine	0-255	Red fine
3	green	0-255	Green
4	Green fine	0-255	Green fine
5	blue	0-255	Blue
6	Blue fine	0-255	Blue fine
7	white	0-255	White
8	White fine	0-255	White fine
9	Linear CTO	0-255	Linear CTO
10	Macro	0-255	Macro colour
11	Strobe	0-3	Open
		4-203	Synchronized strobe speed
		204-255	Random strobe

12	Dimmer	0-255	Dimmer
13	Dimmer Fine	0-255	Dimmer Fine
14	Pan	0-255	Pan
15	Pan Fine	0-255	Pan Fine
16	Tilt	0-255	Tilt
17	Tilt Fine	0-255	Tilt Fine
18	Function	0-255	Function
19	Reset	0-250	No function
		251-255	5S
20	Zoom	0-255	Zoom
21	Zoom Rotation	0-127	
		128-191	....
		192-255	....
22	Red1	0-255	Red1
23	Green1	0-255	Green1
24	Blue1	0-255	Blue1
....		0-255	
76	Red19	0-255	Red19
77	Green19	0-255	Green19
78	Blue19	0-255	Blue19

92 channel

Channel	Function	DMX Value	Description
1	red	0-255	Red
2	Red fine	0-255	Red fine
3	green	0-255	Green
4	Green fine	0-255	Green fine
5	blue	0-255	Blue
6	Blue fine	0-255	Blue fine
7	white	0-255	White
8	White fine	0-255	White fine
9	Linear CTO	0-255	Linear CTO
10	Macro	0-255	Macro colour
11	Strobe	0-3	Open
		4-203	Synchronized strobe speed
		204-255	Random strobe
12	Dimmer	0-255	Dimmer

13	Dimmer Fine	0-255	Dimmer Fine
14	Pan	0-255	Pan
15	Pan Fine	0-255	Pan Fine
16	Tilt	0-255	Tilt
17	Tilt Fine	0-255	Tilt Fine
18	Function	0-255	Function
19	Reset	0-250	No function
		251-255	5S
20	Zoom	0-255	Zoom
21	Zoom Rotation	0-127	
		128-191	....
		192-255	....
22	Shape rotation	0-255	Shape rotation
23	speed	0-255	speed
24	Shape effect fade	0-255	Shape effect fade
25	Shape Red	0-255	Shape Red
26	Shape Green	0-255	Shape Green
27	Shape Blue	0-255	Shape Blue
28	Shape White	0-255	Shape White
29	Shape dimmer	0-255	Shape dimmer
30	Shape back	0-255	Shape back
31	Shape Transition	0-255	Shape Transition
32	Shape Offset	0-255	Shape Offset
33	Foreground	0-255	Foreground Strobe
34	Background	0-255	Background Strobe
35	Background	0-255	Background Select
36	Red1	0-255	Red1
37	Green1	0-255	Green1
38	Blue1	0-255	Blue1
....		0-255	
90	Red19	0-255	Red19
91	Green19	0-255	Green19
92	Blue19	0-255	Blue19

97Channel

Channel	Function	DMX Value	Description
1	red	0-255	Red
2	Red fine	0-255	Red fine

3	green	0-255	Green
4	Green fine	0-255	Green fine
5	blue	0-255	Blue
6	Blue fine	0-255	Blue fine
7	white	0-255	White
8	White fine	0-255	White fine
9	Linear CTO	0-255	Linear CTO
10	Macro	0-255	Macro colour
11	Strobe	0-3	Open
		4-203	Synchronized strobe speed
		204-255	Random strobe
12	Dimmer	0-255	Dimmer
13	Dimmer Fine	0-255	Dimmer Fine
14	Pan	0-255	Pan
15	Pan Fine	0-255	Pan Fine
16	Tilt	0-255	Tilt
17	Tilt Fine	0-255	Tilt Fine
18	Function	0-255	Function
19	Reset	0-250	No function
		251-255	5S
20	Zoom	0-255	Zoom
21	Zoom Rotation	0-127	
		128-191	....
		192-255	....
22	Red1	0-255	Red1
23	Green1	0-255	Green1
24	Blue1	0-255	Blue1
25	White1	0-255	White1
....		0-255	
94	Red19	0-255	Red19
95	Green19	0-255	Green19
96	Blue19	0-255	Blue19
97	White19	0-255	White19

99channel

Channel	Function	DMX Value	Description
1	Pan	0-255	Pan

2	Pan Fine	0-255	Pan Fine
3	Tilt	0-255	Tilt
4	Tilt Fine	0-255	Tilt Fine
5	Function	0-255	Function
6	zoom	0-255	zoom
7	Zoom ration	0-127	Zoom Rotation
		128-191	....
		200-255	....
8	Dimmer	0-255	Dimmer
9	Strobe	0-3	Open
		4-203	Synchronized strobe speed from slow to fast
		204-255	Random strobe
10	Red	0-255	
11	Green	0-255	Green
12	Blue	0-255	Blue
13	White	0-255	White
14	cto	0-255	cto
15	wash	0-255	wash
16	Static effect	0-255	Static effect
17	Dynamic effect	0-255	Dynamic effect
18	Effect speed	0-255	Effect speed
19	Bred	0-255	Blackground red
20	BGreen	0-255	Blackground green
21	BBlue	0-255	Blackground green
22	BW	0-255	Blackground white
23	reset	0-250	No function
		250-255	
24	Red1	0-255	Red1
25	Green1	0-255	Green1
26	Blue1	0-255	Blue1
27	White1	0-255	White1

...		0-255	
96	Red19	0-255	Red19
97	Green19	0-255	Green19
98	Blue19	0-255	Blue19
99	White19	0-255	White19