

S19 40W Zoom Bee-Eye Moving Head Light



User Manual

Technical Specifications:

Power Voltage: AC 100-240V

Power : 750W

Frequency : 50-60Hz

Bulbs : 19 x 40W 4-in-1 LED Bulbs

Channel Channel: 21CH, 22CH, 35CH, 36CH

Pixel Channels: 57CH, 76CH

Control Mode: DMX/Strand/Sound

Control Horizontal Scan: 540 degrees

Vertical Scan: 240 degrees

Flash Rate: 1-25 times/second or random

Flash: 1-25 times/second or random

Display : LCD screen

Operation Menu:

Main Menu	Secondary Menu	Three menus/parameters	Fourth-level menu
Address	001 - 512		
Manual Control	Red	000-255	
	Red Fine Adjustment	000-255	
	Green	000-255	
	Green Fine Adjustment	000-255	
	Blue	000-255	
	Blue Fine Adjustment	000-255	
	White	000-255	
	White Fine Adjustment	000-255	
	Color Temperature	000-255	
	Color Macro	000-255	
	Strobe	000-255	
	Dimming	000-255	
	Dimming Fine Adjustment	000-255	

	Horizontal	000-255	
	Horizontal Fine Adjustment	000-255	
	Vertical	000-255	
	Vertical Fine Adjustment	000-255	
	Function Control	000-255	
Manual Control	Reset	000-255	
	Focus	000-255	
	Focus rotation	000-255	
	Graphic Selection	000-255	
	Graphic Speed	000-255	
	Graphic Gradient	000-255	
	Graphic Red	000-255	
	Graphic Green	000-255	
	Graphic Blue	000-255	
	Graphic White	000-255	
	Graphics Dimming	000-255	
	Background Dimming	000-255	
	Graphics Conversion	000-255	
	Graphic Offset	000-255	
	Foreground Flicker	000-255	
	Background Flicker	000-255	
	Background Selection	000-255	
	Channel Mode	21/22/35/36	
	Pixel Mode	Off/RGB/RGBW	
Control Mode	DMX / Master Control		

Settings	Horizontal Invert	Close/Open		
	Vertical Reverse	Off/On		
	Color Correction	Off/On		
	Signal Processing	Reset/Hold		
	Fan Control	Auto/High Speed/Silent		
	Dimming Curve	Exponential 1.5/Exponential 2.0/Linear/Curve		
	Dimming Frequency	1500Hz/1000Hz/43700Hz/31000Hz/21 400Hz/15100Hz/9600Hz/5600Hz/3700 Hz/2400Hz		
	Language Settings	Chinese/English		
	Display Inversion	Normal/Inverted		
	Display Mode	60 seconds/Always on		
	Touch Calibration	000-255		
	Test	Motor reset	Cancel/Execute	
		Factory Reset	Cancel/Execute	
Factory	Password Input	000 - 255		
	Horizontal Calibration	000 - 255		
	Vertical Calibration	000 - 255		
	Focus Calibration	000 - 255		
	Rotation Correction	000 - 255		
	Red Correction	000 - 255		
	Green Calibration	000 - 255		
	Blue Calibration	000 - 255		
	White Calibration	000 - 255		
Information	Time Information	Power-on Time	xxxH	
		Total Time	xxxH	
		Power-On Count	xxxH	
	Sensor Detection	Horizontal Sensing	Error/Normal	
		Vertical Sensing	Error/Normal	
		Focus Sensing	Error/Normal	
		Temperature Sensor	Error/Normal	
		Fan Sensor	Error/Normal	
		Temperature Control Information	Lamp Base Temperature	xxx°C
	Software Version	Panel Version	Vx.xx	
		Motor Version	Vx.xx	
Dimming Version 1		Vx.xx		

21 ch

Channel Channel	Function	DMX Value	Details
1	Red	0-255	Red 0-100% brightness adjustment, from dark to bright
2	Red Fine-Tuning	0-255	Red Fine Adjustment
3	Green	0-255	Green 0-100% brightness adjustment, from dark to light
4	Green Fine-Tuning	0-255	Green Fine Adjustment
5	Blue	0-255	Blue 0-100% brightness adjustment, from dark to light
6	Blue Fine-Tuning	0-255	Blue Fine-Tuning
7	White	0-255	White 0-100% brightness adjustment, from dark to light
8	White Fine-Tuning	0-255	White Fine Adjustment
9	Color Temperature	0-255	Linear Control of Color Temperature
10	Macro Color	0-255	Macro color changes
11	Strobe	0-3	Light off
		4-103	Use the same steps from slow to fast
		104-107	Light on
		108-207	From slow to fast
		208-212	Light on
		213-225	Low-speed random strobing
		226-238	Medium-speed random flicker
		239-251	High-Speed Random Strobing
		252-255	Illuminate
12	Dimming	0-255	0-100 Linear Brightness Adjustment
13	Dimmer Fine-Tuning	0-255	Dimmer Fine Adjustment
14	X-Axis Control	0-255	X-axis control
15	X-axis fine adjustment	0-255	X-axis fine adjustment
16	y-axis control	0-255	Y-axis control
17	Y-axis fine adjustment	0-255	Y-axis fine adjustment
18	Function	0-102	None (No Function)
		103-105	Enable Pixel Function
		106-255	Empty (No Function)
19	Reset	0-250	No Function
		251-255	Automatically resets after 5 seconds
20	Focus	0-255	Focus control
21	Rotation	0-127	0 to 60 degrees
		128-191	Linear Fast to Slow Rotation
		192-255	Linear slow to fast rotation

22 ch

Channel	Function	DMX Value	Details
1	Red	0-255	Red 0-100% brightness adjustment, from dark to bright
2	Red Fine-Tuning	0-255	Red Fine Adjustment
3	Green	0-255	Green 0-100% brightness adjustment, from dark to light
4	Green Fine-Tuning	0-255	Green Fine Adjustment
5	Blue	0-255	Blue 0-100% brightness adjustment, from dark to light
6	Blue Fine-Tuning	0-255	Blue Fine-Tuning
7	White	0-255	White 0-100% brightness adjustment, from dark to light
8	White Fine-Tuning	0-255	White Fine Adjustment
9	Color Temperature	0-255	Linear Control of Color Temperature
10	Macro Color	0-255	Macro color changes
11	Strobe	0-3	Lights out
		4-103	Use the same steps from slow to fast
		104-107	Light on
		108-207	From slow to fast
		208-212	Light on
		213-225	Low-speed random strobing
		226-238	Medium-speed random flicker
		239-251	High-Speed Random Strobing
		252-255	Illuminate
12	Dimming	0-255	0-100 Linear Brightness Adjustment
13	Dimmer Fine-Tuning	0-255	Dimmer Fine Adjustment
14	X-Axis Control	0-255	X-axis control
15	X-axis fine adjustment	0-255	X-axis fine adjustment
16	Y-axis control	0-255	Y-axis control
17	Y-axis fine adjustment	0-255	Y-axis fine adjustment
18	Function	0-102	None (No Function)
		103-105	Enable Pixel Function
		106-255	Empty (No Function)
19	Reset	0-250	No Function
		251-255	Automatically resets after 5 seconds
20	Focus	0-255	Focus control
21	Rotation	0-127	0 to 60 degrees
		128-191	Linear Fast to Slow Rotation
		192-255	Linear slow to fast rotation
22	Frequency	0-255	Frequency adjustment

35 ch

Channel	Function	DMX Value	Details
1	Red	0-255	Red 0-100% brightness adjustment, from dark to bright
2	Red Fine-Tuning	0-255	Red Fine Adjustment
3	Green	0-255	Green 0-100% brightness adjustment, from dark to light
4	Green Fine-Tuning	0-255	Green Fine Adjustment
5	Blue	0-255	Blue 0-100% brightness adjustment, from dark to light
6	Blue Fine-Tuning	0-255	Blue Fine-Tuning
7	White	0-255	White 0-100% brightness adjustment, from dark to light
8	White Fine-Tuning	0-255	White Fine Adjustment
9	Color Temperature	0-255	Linear Control of Color Temperature
10	Macro Color	0-255	Macro color changes
11	Strobe	0-3	Light off
		4-103	Use the same steps from slow to fast
		104-107	Light on
		108-207	From slow to fast
		208-212	Light on
		213-225	Low-speed random strobing
		226-238	Medium-speed random flicker
		239-251	High-Speed Random Strobing
		252-255	Illuminate
12	Dimming	0-255	0-100 Linear Brightness Adjustment
13	Dimmer Fine-Tuning	0-255	Dimmer Fine Adjustment
14	X-Axis Control	0-255	X-axis control
15	X-axis fine adjustment	0-255	X-axis fine adjustment
16	Y-axis control	0-255	Y-axis control
17	Y-axis fine adjustment	0-255	Y-axis fine adjustment
18	Function	0-102	Empty (No Function)
		103-105	Enable Pixel Function
		106-255	Empty (No Function)
19	Reset	0-250	No Function
		251-255	Automatically resets after 5 seconds
20	Focus	0-255	Focus control
21	Rotation	0-127	0 to 60 degrees
		128-191	Linear Fast to Slow Rotation
		192-255	Linear slow to fast rotation
22	Shape Selection	0-255	Shape Selection
23	Shape Speed	0-255	Shape Speed
24	Shape Gradient	0-255	Smooth, Gradient Curve
25	Shape r	0-255	Linear from no light to maximum brightness

26	Shape g	0-255	Linear from no light to maximum brightness
27	Shape b	0-255	Linear from no light to maximum brightness
28	Shape w	0-255	Linear from no light to maximum brightness
29	Shape Brightness Adjustment	0-255	Shape Dimming 0-100%
30	Background Brightness Adjustment	0-255	Background dimming 0-100%
31	Shape Transformation	0-255	Shape Shift
32	Shape Deviation	0-255	Shape Deviation
33	Foreground Color	0-255	Foreground Color Control
34	Background Color	0-255	Background Color Control
35	Background Selection	000-007	Wash
		008-255	Background Selection

36 ch

Chann el	Function	DMX Values	Details
1	Red	0-255	Red 0-100% brightness adjustment, from dark to bright
2	Red Fine-Tuning	0-255	Red Fine Adjustment
3	Green	0-255	Green 0-100% brightness adjustment, from dark to light
4	Green Fine-Tuning	0-255	Green Fine Adjustment
5	Blue	0-255	Blue 0-100% brightness adjustment, from dark to light
6	Blue Fine-Tuning	0-255	Blue Fine-Tuning
7	White	0-255	White 0-100% brightness adjustment, from dark to light
8	White Fine-Tuning	0-255	White Fine Adjustment
9	Color Temperature	0-255	Linear Control of Color Temperature
10	Macro Color	0-255	Macro color changes
11	Strobe	0-3	Light off
		4-103	Use the same steps from slow to fast
		104-107	Light on
		108-207	From slow to fast
		208-212	Light on
		213-225	Low-speed random strobing
		226-238	Medium-speed random flicker
		239-251	High-Speed Random Strobing

		252-255	Illuminate
12	Dimming	0-255	0-100 Linear Brightness Adjustment
13	Dimmer Fine-Tuning	0-255	Dimmer Fine Adjustment
14	X-Axis Control	0-255	X-axis control
15	X-axis fine adjustment	0-255	X-axis fine adjustment
16	Y-axis control	0-255	Y-axis control
17	y-axis fine adjustment	0-255	Y-axis fine adjustment
18	Function	0-102	None (No Function)
		103-105	Enable Pixel Function
		106-255	Empty (No Function)
19	Reset	0-250	No Function
		251-255	Automatically resets after 5 seconds
20	Focus	0-255	Focus control
21	Rotation	0-127	0 to 60 degrees
		128-191	Linear Fast to Slow Rotation
		192-255	Linear slow to fast rotation
22	Shape Selection	0-255	Shape Selection
23	Shape Speed	0-255	Shape Speed
24	Shape Gradient	0-255	Smooth, Gradient Curve
25	Shape r	0-255	Linear from no light to maximum brightness
26	Shape g	0-255	Linear from no light to maximum brightness
27	Shape b	0-255	Linear from no light to maximum brightness
28	Shape w	0-255	Linear from no light to maximum brightness
29	Shape Brightness Adjustment	0-255	Shape Dimming 0-100%
30	Background Brightness Adjustment	0-255	Background dimming 0-100%
31	Shape Transformation	0-255	Shape Shift
32	Shape Deviation	0-255	Shape Deviation
33	Foreground Color	0-255	Foreground Color Control
34	Background Color	0-255	Background Color Control
35	Background Selection	000-007	Washing
		008-255	Background Selection
36	Frequency	0-255	Frequency Adjustment

~~50ms~~

Channel	Function	DMX Value	Details
1	Red 1	0-255	0-100% brightness adjustment, from dark to bright
2	Green 1	0-255	0-100% brightness adjustment, from dark to light
3	Blue 1	0-255	0-100% brightness adjustment, from dark to light
4	Red 2	0-255	0-100% brightness adjustment, from dark to light
5	Green 2	0-255	0-100% brightness adjustment, from dark to light
6	Blue 2	0-255	0-100% brightness adjustment, from dark to light
7	Red 3	0-255	0-100% brightness adjustment, from dark to light
8	Green 3	0-255	0-100% brightness adjustment, from dark to light
9	Blue 3	0-255	0-100% brightness adjustment, from dark to light
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
49	Red 17	0-255	0-100% brightness adjustment, from dark to light
50	Green 17	0-255	0-100% brightness adjustment, from dark to light
51	Blue 17	0-255	0-100% brightness adjustment, from dark to light
52	Red 18	0-255	0-100% brightness adjustment, from dark to light
53	Green 18	0-255	0-100% brightness adjustment, from dark to bright
54	Blue 18	0-255	0-100% brightness adjustment, from dark to light
55	Red 19	0-255	0-100% brightness adjustment, from dark to light
56	Green 19	0-255	0-100% brightness adjustment, from dark to light
57	Blue 19	0-255	0-100% brightness adjustment, from dark to light

~~70ms~~

Channel	Function	DMX Value	Details
1	Red 1	0-255	0-100% brightness adjustment, from dark to bright
2	Green 1	0-255	0-100% brightness adjustment, from dark to light
3	Blue 1	0-255	0-100% brightness adjustment, from dark to light
4	White 1	0-255	0-100% brightness adjustment, from dark to light
5	Red 2	0-255	0-100% brightness adjustment, from dark to light
6	Green 2	0-255	0-100% brightness adjustment, from dark to light
7	Blue 2	0-255	0-100% brightness adjustment, from dark to light
8	White 2	0-255	0-100% brightness adjustment, from dark to light

9	Red 3	0-255	0-100% brightness adjustment, from dark to light
10	Green 3	0-255	0-100% brightness adjustment, from dark to light
11	Blue 3	0-255	0-100% brightness adjustment, from dark to light
12	White 3	0-255	0-100% brightness adjustment, from dark to light
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
65	Red 17	0-255	0-100% brightness adjustment, from dark to light
66	Green 17	0-255	0-100% brightness adjustment, from dark to light
67	Blue 17	0-255	0-100% brightness adjustment, from dark to light
68	White 17	0-255	0-100% brightness adjustment, from dark to light
69	Red 18	0-255	0-100% brightness adjustment, from dark to light
70	Green 18	0-255	0-100% brightness adjustment, from dark to light
71	Blue 18	0-255	0-100% brightness adjustment, from dark to light
72	White 18	0-255	0-100% brightness adjustment, from dark to light
73	Red 19	0-255	0-100% brightness adjustment, from dark to light
74	Green 19	0-255	0-100% brightness adjustment, from dark to light
75	Blue 19	0-255	0-100% brightness adjustment, from dark to light
76	White 19	0-255	0-100% brightness adjustment, from dark to bright

Routine Maintenance

Cleaning and Maintenance

The equipment requires daily cleaning and maintenance. Its service life largely depends on the operating environment and routine upkeep.

Always disconnect the power before opening any covers.

Optical components should be gently wiped. Coated surfaces are fragile and easily scratched. Do not use abrasive solvents, as they may damage plastic or coated surfaces. Use a soft brush, cotton paper, vacuum cleaner, or compressed air blower to remove dust from fans and air vents.

Warning Information



该产品只适用于专业使用，不适用于其它用途。
使用这种产品应注意火热电冲击，紫外线辐射，灯泡爆炸或脱落引起的严重或致命损伤。



在通电或安装使用前请先阅读用户手册。遵循操作安全防范方法并注意用户手册及设备上的警示标语。
如果您还有其它有关于如何安全操作设备的问题，请联系经销商或拨打服务热线。



防止掉落伤人

在拆包或搬运时请不要一个人单独搬运设备。
悬挂灯具时，必须验证设施及灯钩能承受至少灯具的10倍重量。
在安装前必须要验证安装硬件足够牢固无其它损伤，并使用安全保险绳作为辅助安全方式，固定在其它设施上。
安装或拆卸设备时，要降低吊杆至安全位置。



预防电击

进行电气连接的人员必须有相应的资格方可进行操作。
在安装前，请确认你所使用的电源电压必须符合灯具所标识的电压，且要有过载或者漏电保护。



每一台灯具必须正确接地，并按照相关标准进行电气安装。