



# USER'S MANUAL



Model: BC-M1940

19x40w 4in1 Bee Eye Led Wash Zoom  
Moving Head Light

## **Package Includes:**

- 1 x led zoom moving head light
- 1 x clamp
- 1 x power cable
- 1 x DMX cable

**Please read this manual before use**

## ● Features:

1. Voltage:AC 110-260V, 50/60Hz
2. Lamp: 19pcsX 4in1 high brightness 40Watt LED
3. Control mode:Auto/sound-active /master-slave /DMX512
4. TFT LCD display, the interface is gorgeous, improve the product level, the two menu structure and touch screen control mode, greatly improving the operation of the convenience, can be used to get started.
5. Menu language switch, the menu can be convenient to switch the Chinese or English.
6. Master and slave, when the DMX signal is disconnected, any one lamp can be used as a host, driven by other lamps.

## ● Menu structure

Menu	
Address	DMX Address(1-512)
<b>Set</b>	Run mode
	Channel mode
	Invert pan
	Invert tilt
	Hall crct
	Encoder crct
	Signal keep
	Screen saver
	Invert screen
	Update slave
	Language
	Load default
	<b>Manual</b>
2.pan fine	
3.tilt	
4.tilt fine	
5.P/T speed	
6.zoom	
7.Rotation	
8.Dimmer	
9.Strobe	
10. LED-R	
11.LED-B	
12.LED-G	
13. LED-W	

	14. CTO
	15. macro color
	16. static effect
	17. shape
	18. shape speed
	19. rope strobe
	20. effect
	21. effect speed
	22. reset
Calib	Pan
	tilt
	focus
	rotate
	Balance -red
	balance-green
	balance-blue
	balance-white
	power
	balance1-red
	balance1-green
	balance1-blue
	balance1-white
	.....
	Balance19 -blue
balance19-white	
Reset	MIC
	Reset effect
	Reset scan
Note	Reset All
	Reset info
	DMX data
	Sensor info

## ● Channel table

◆ Channel A - 22channel and 26 channel

Channel:		Value	function
CH1	Pan	0-255	Pan 0-540 °
CH2	Pan fine	0-255	16 bit
CH3	Tilt	0-255	Tilt:0-215 °
CH4	Tilt fine	0-255	16 bit
CH5	Pan/tilt speed	0-255	Fast to slow
CH6	Zoom	0-255	10-60degree
CH7	Rotation	0-127	0-60 degree
		128-199	counter-rotating(fast-slow)

		200-255	rotating(slow-fast)
CH8	Dimmer	0-255	0-100% dimmer
CH9	strobe	0-3	dimmer
		4-200	Strobe slow to fast
		201--215	Random strobe at slow speed
		216-234	Random strobe
		235-255	Random strobe at high speed
CH10	Red	0-255	dark-bright
CH11	Green	0-255	dark-bright
CH12	Blue	0-255	dark-bright
CH13	White	0-255	dark-bright
CH14	Color temperature	0-255	CT linear change
CH15	Color	0-255	In-built color gradual change
CH16	Static effect	0-255	A effect/ each 5
CH17	Dynamic effect	0-255	A effect / each 5
CH18	Dynamic effect speed		Clockwise fast-slow
		0-127	Counter-clockwise slow -fast
CH19	Ring strobe	0-3	No effect
		4-250	strobe
		251-255	dimmer
CH20	Ring macro	0-51	In-built color
		52-55	effect1
		56-59	effect2
		.....	.....
		252-255	effect51
CH21	Ring macro speed	0-255	slow-fast
CH22	Reset	0-239	No effect
		240-255	Reset in 5s

### Channel 26 chart

Channel:		Value	function
CH1	Pan	0-255	Pan 0-540 °
CH2	Pan fine	0-255	16 bit
CH3	Tilt	0-255	Tilt:0-215 °
CH4	Tilt fine	0-255	16 bit
CH5	Pan/tilt speed	0-255	Fast to slow
CH6	Zoom	0-255	10-60degree
CH7	Rotation	0-127	0-60 degree
		128-199	counter-rotating(fast-slow)
		200-255	rotating(slow-fast)
CH8	Dimmer	0-255	0-100% dimmer
CH9	strobe	0-3	dimmer
		4-200	Strobe slow to fast

		201--215	Random strobe at slow speed
		216-234	Random strobe
		235-255	Random strobe at high speed
CH10	Red	0-255	dark-bright
CH11	Green	0-255	dark-bright
CH12	Blue	0-255	dark-bright
CH13	White	0-255	dark-bright
CH14	Color temperature	0-255	CT linear change
CH15	Color	0-255	In-built color gradual change
CH16	Static effect	0-255	A effect/ each 5
CH17	Dynamic effect	0-255	A effect / each 5
CH18	Dynamic effect speed	0-127	Clockwise fast-slow
		128-255	Counter-clockwise slow -fast
CH19	Background color Red	0-255	dark-bright
CH20	Background color Green	0-255	dark-bright
CH21	Background color Blue	0-255	dark-bright
CH22	Background color white	0-255	dark-bright
CH23	Ring strobe	0-3	No effect
		4-250	strobe
		251-255	dimmer
CH24	Ring macro	0-51	In-built color
		52-55	effect1
		56-59	effect2
		.....	.....
		252-255	effect51
CH25	Ring macro speed	0-255	slow-fast
CH26	Reset	0-239	No effect
		240-255	Reset in 5s

## ● Cleaning

As the smoke and dust corrosion, internal and external vision lens must be cleaned out to make the light output power optimization.

1. Use the glass cleaner and soft cloth to clean the package.
2. Every 20 days, use the glass cleaner and soft cloth to clean the external lens.
3. When you insert the power is always to ensure that every part of the product dry.

When Fixtures run, require regular cleaning according to the different environments.

## ● Troubleshooting

The following are some common problems encountered and the solutions when the customers use it:

1. For there is no response to DMX
2. Check the DMX cable is properly connected (pin3 as follows: "hot", in other DMX devices, pin2 are also as follows: "hot" means.
3. For the voice made no reply
4. Sound is too small or too high-profile voice can not make it up and running. If this problem persists, please contact your vendor for help.

## ● Maintenance

5. Please keep the light in dryness and avoiding use in wet place.
6. Using intermittently can be extended the life.
7. Attention to clean the fan and lens usually in order to get the ventilating effects and lighting effects better.
8. Please do not wipe the crust using organic menstruum avoiding to damage the product.

## ● Statement

The product has well capability and intact packing when leave factory. All of the user should comply with above warning item and manual,any misuse cause of the damages are not included in our guarantee,and also can't be responsible for any malfunction & problem owing to ignore the manual. Please forgive that we will not be notice for technical change.

### **ShenZhen BECEN Stage Equipment Co., Ltd**

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