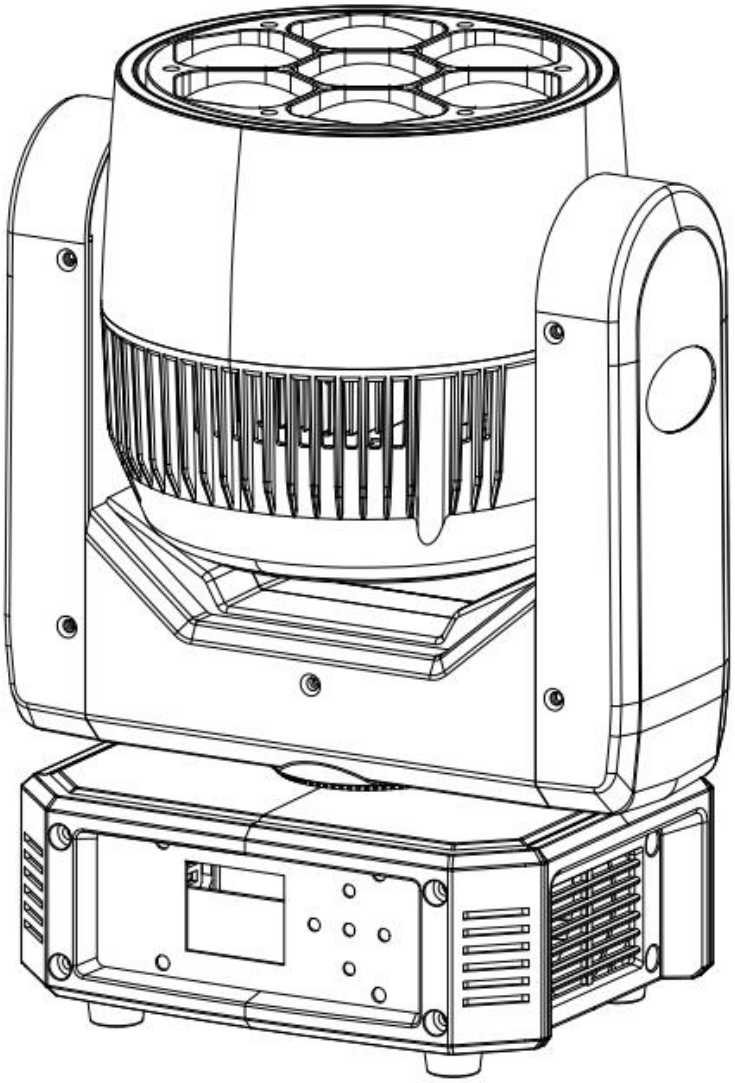
CY-StageFlow 07

7x40W LED Bee Eye Moving Head

User Manual



Please read the instructions carefully before use

1. Product profile

Thank you for purchasing our MINI 7 focal bee eye head shaking head dyeing lamp. In order to correctly and safely use this product, please read the instructions carefully before installing and using this product. This specification contains important application information. Please strictly follow the instructions when operating the product. At the same time, please keep this instruction manual properly. This product is designed and produced in strict accordance with CE standards, in line with the international standard DMX512 signal protocol, can be used alone control, can also be used online, with fast rotation, low noise, powerful features, suitable for small and medium-sized concerts, theaters, studios, nightclubs and bars and other places.

We are committed to providing high quality products and services and have any questions or need further help, feel free to contact us. Wish you have a good time to use it!

This product is strictly tested before leaving the factory to ensure that it is in good condition. In order to keep the product in good condition and ensure safe operation, users must follow the safety matters and warnings in this manual. After receiving the product, carefully remove the package and carefully check the product for damage during transportation. At the same time, please confirm whether the following content is complete.

2. Product safe use and precautions

order	name	quantity	unit
1	lamps and lanterns	1	short
2	Quickly unlock the hook accessories	1	indivi
3	power line	1	twig
4	user's manual	1	stem

2.1 This product is suitable for a wide voltage range of 100-240V, and is specially designed for indoor use. Please always confirm that the voltage at the place of use does not exceed the maximum value specified in the product. The power plug shall be inserted into a well-protective type I socket.

2.2 If the product has experienced extreme temperature changes (such as after transportation), do not power it immediately because the temperature difference may cause internal condensation droplets that can damage the product. Use until the product returns to normal temperature.

2.3 Check the product and power cord regularly to ensure that the power cord is not folded, damaged or scratched, and avoid winding or connecting with other lines. Be careful when connecting the power cord or related lines. Unplug the power plug when not in use or before cleaning.

2.4 Before the first use, please be familiar with the operation functions of the product. Do not allow children or non-professionals to contact or operate this product. Do not

shake the product, and do not use brute force during installation or operation. Non-professional operation may cause damage, and most of the damage is caused by such improper operation.

2.5 This product is not equipped with maintenance accessories, and the maintenance and repair work shall be carried out by professionals. Do not remove the product without authorization, otherwise the product may be damaged, and such damage is not covered by the warranty. In addition, non-professional operations can also lead to dangerous situations such as short circuits, burns or electric shocks.

3. Menu operation and function desc

- Addre: Click to enter the address code setting
- Set: Click to enter the system Settings
- Manual: Click to enter the manual mode
- Calib: Click to enter the password to enter the system calibration mode
- Reset: Click to enter the system reset mode
- Note: Click to enter the check

primary menu	second-level menu	Three menu & parameters
address	001 - 512	Upper and lower keys set the address code
System Settings	running mode	DMX / voice control / self walk 1 / self walk 2
	channel pattern	30CH/42CH/58CH
	Horizontal reversal	Open / close
	Vertical reversal	Open / close
	Hall error correction	Open / close
	Optical coupling error	Open / close

	correction	
	The signal to keep	Open / close
	Screen protection	Open / close
	Screen flip	Open / close / automatic
	Synchronous update	Open / close
	language	centre /EN
	The dimming curve	Curves 1-4
	Speed mode	Fast / standard
	factory data reset	
manual mode	Current channel mode channel	0-255
system calibration	enter password	Lighting calibration
system reset	Effect motor reset	
	Scan the motor for reset	
	Full motor reset	
system info	Reset information	Display the reset error message
	And DMX data monitoring	Channel values for the receiving console
	sensor information	Hall information
		X-light coupling information
		Y light coupling information
	Hardware version	Displays the hardware version
	software release	Displays the software version

- **Screen automatic rotation function**

The system can automatically rotate the screen according to the direction of gravity, without manual rotation. You can also turn off the automatic rotation function.

- **manual control**

This interface is used to control the current lamps.

Press OK to enter the edit state. Press Up and Down to change the channel value. Press OK again to save the modified value, exit editing, and press Exit not to save the modified value, and directly exit editing.

- **system calibration**

Here to set a layer of password to prevent non-professionals from misoperation. Press OK

directly to verify the password.

option	explain
Position calibration	After entering the sub-interface, the starting position of X-axis, Y-axis, focusing and rotating motor can be adjusted to make up for the error on the hardware installation. The adjustment range of 0~255,127 means that there is no adjustment.
white balance	After entering the sub-interface, the proportion of red, green, blue and white of 7 sets of lights can be adjusted, and the adjustment range of 0~255,255 indicates that there is no adjustment.
Other calibration	Power, MIC sensitivity calibration, and password modification.

- **reset**

Press Up and Down to switch the reset mode, and press OK to reset directly.

option	explain
Effect motor reset	Effect disc reset other than XY
Scan the motor for reset	XY axis reduction
Full motor reset	Lamps reset

- **system info**

option	explain
Reset information	If the red ERR indicator shines, the lamp is running wrong, and details can be viewed in the subinterface.
And DMX data monitoring	This enters the subinterface to display channel values for viewing
sensor information	Real-time monitoring of the light coupling, hall and other sensors on the lamp state
Hardware version number	Lighting hardware information
Software version number	Lamp software version

4. DMX channel table

30CH pattern

channel	function	DMX numeric value	functional description
1	X axle	0-255	0-540 degrees
2	X axis fine-tuning	0-255	The 16bit is adjustable
3	Y axle	0-255	0-205 degrees

4	Y axis fine-tuning	0-255	The 16bit is adjustable
5	XY velocity	0-255	Speed from fast to slow
6	focus	0-255	The angle is linearly regulated from small to large
7	tilting mirror	0-127	0~60 Degrees
		128-188	The rotating mirror rotates counterclockwise from fast to slow
		189-193	Turn the mirror to stop turning
		194-255	The mirror is rotated clockwise from slow to fast
8	Total dimming	0-255	Linear dimming, from dark to bright
9	stroboflash	0-3	lighting-off
		4-103	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
		104-107	light up
		108-207	Equecting strobe speed from slow to fast (1 HZ-25 HZ)
		208-212	light up
		213-225	Low speed random flash
		226-238	Medium speed random flash
		239-251	High-speed random flash
		252-255	light up
10	red	0-255	Linear dimming, from dark to bright
11	green	0-255	Linear dimming, from dark to bright
12	blue	0-255	Linear dimming, from dark to bright
13	white	0-255	Linear dimming, from dark to bright
14	Color temperature regulation	0-9	NF
		10-255	8000K-2000K
15	Color gradient	0-9	NF
		10-255	Color macro function
16	Static effect	0-29	NF
		30-134	Static effect 1-7 (color controlled by 10 CH, 11 CH, 12 CH, 13 CH) (15 number one effects)
		135-255	Static effect 8-16 (color) (15 effects)
17		0-9	NF

	Dynamic effect	10-124	Dynamic effect 1-23 (color is controlled by 10 CH, 11 CH, 12 CH, 13 CH) (5 number one effects)
		125-255	Dynamic effect 24-40 (fixed color) (5 number one effect)
18	Effect speed	0-63	Pattern freeze frame
		64-158	The pattern effect is counterclockwise from fast to slow
		159-160	Pattern freeze frame
		161-255	The pattern effect is made clockwise from slow to fast
19	backgroun d colour R	0-255	Linear dimming is performed from dark to bright
20	backgroun d colour G	0-255	Linear dimming is performed from dark to bright
21	backgroun d colour B	0-255	Linear dimming is performed from dark to bright
22	backgroun d colour W	0-255	Linear dimming is performed from dark to bright
23	reset	0-25	NF
		26-76	Effect motor reset (lamp reset 5s)
		77-127	XY motor reset (lamp reset 5s)
		128-255	All motor reset (lamp reset 5s)
24	Light with dimming	0-255	The light band is linearly dimed from dark to bright
25	Light band flash	0-4	NF
		5-250	Synchronous strobe from slow to fast
		251-255	NF
26	The light with red	0-255	Linear dimming, from dark to bright
27	The light with green	0-255	Linear dimming, from dark to bright
28	The light is blue	0-255	Linear dimming, from dark to bright
29	Light belt effect	0-51	Light belt dimming mode
		52-255	Lamp belt effect (4 number of one effect)
30	Light belt effect speed	0-255	The lamp belt effect speed is changed from slow to fast

42CH pattern

channel	function	DMX numeric value	functional description
1	red	0-255	Red dimming
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green dimming
4	Green fine-tuning	0-255	Green fine-tuning
5	blue	0-255	Blue dimming
6	Blue fine-tuning	0-255	Blue fine-tuning
7	white	0-255	White dimming
8	White fine tuning	0-255	White fine tuning
9	Color temperature regulation	0-9	NF
		10-255	8000K-2000K
10	Color gradient	0-9	NF
		10-255	Color macro function
11	stroboflash	0-3	lighting-off
		4-103	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
		104-107	light up
		108-207	Equecting strobe speed from slow to fast (1 HZ-25 HZ)
		208-212	light up
		213-225	Low speed random flash
		226-238	Medium speed random flash
		239-251	High-speed random flash
		252-255	light up
12	Total dimming	0-255	Linear dimming, from dark to bright
13	Tuning fine-tuning	0-255	Tuning fine-tuning control
14	X axle	0-255	horizontal control
15	X axis fine-tuning	0-255	Horizontal fine-tuning control
16	Y axle	0-255	vertical control
17	Y axis fine-tuning	0-255	Vertical horizontal fine-tuning control
18	function	0-255	obligate

19	reset	0-25	NF
		26-76	Effect motor reset (lamp reset 5s)
		77-127	XY motor reset (lamp reset 5s)
		128-255	All motor reset (lamp reset 5s)
20	focus	0-255	focus
21	tilting mirror	0-127	0~60 Degrees
		128-188	The rotating mirror rotates counterclockwise from fast to slow
		189-193	Turn the mirror to stop turning
		194-255	The mirror is rotated clockwise from slow to fast
22	Built-in effect	0-7	NF
		8-70	Built-in effect 0-63 (1 number and one effect)
		71-255	lighting-off
23	Effect speed	0-63	Pattern freeze frame
		64-158	The pattern effect is counterclockwise from fast to slow
		159-160	Pattern freeze frame
		161-255	The pattern effect is made clockwise from slow to fast
24	Effects downplay	0-255	The pattern effect is diluted
25	The built-in effect is red	0-255	The built-in effect is red
26	The built-in effect is green	0-255	The built-in effect is green
27	Built-in effect blue	0-255	Built-in effect blue
28	The built-in effect is white	0-255	The built-in effect is white
29	Effect dimming	0-255	Pattern with 0-100% dimming
30	Background dimming	0-255	Background: 0-100% dimming
31	Effect transition	0-255	Pattern change control
32	Effect Angle	0-255	Pattern translation
33	Prospects flash	0-255	Probe (same as 11 channel)
34	Background flash	0-255	Background strobe (same as 11 channel)

35	background selection	0-255	background selection
36	Light with dimming	0-255	The light band is linearly dimed from dark to bright
37	Light band flash	0-4	NF
		5-250	Synchronous strobe from slow to fast
		251-255	NF
38	The light with red	0-255	Linear dimming, from dark to bright
39	The light with green	0-255	Linear dimming, from dark to bright
40	The light is blue	0-255	Linear dimming, from dark to bright
41	Light belt effect	0-51	Light belt dimming mode
		52-255	Lamp belt effect (4 number of one effect)
42	Light belt effect speed	0-255	The lamp belt effect speed is changed from slow to fast

58CH pattern

channe l	function	DMX numeric value	description
1	X axle	0-255	0-540 degrees
2	X axis fine-tuning	0-255	The 16bit is adjustable
3	Y axle	0-255	0-205 degrees
4	Y axis fine-tuning	0-255	The 16bit is adjustable
5	XY velocity	0-255	Speed from fast to slow
6	focus	0-255	The angle is linearly regulated from small to large
7	tilting mirror	0-127	0~60 Degrees
		128-188	The rotating mirror rotates counterclockwise from fast to slow
		189-193	Turn the mirror to stop turning
		194-255	The mirror is rotated clockwise from slow to fast
8	Total dimming	0-255	Linear dimming, from dark to bright
9	stroboflash	0-3	lighting-off
		4-103	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)

		104-107	light up
		108-207	Equecting strobe speed from slow to fast (1 HZ-25 HZ)
		208-212	light up
		213-225	Low speed random flash
		226-238	Medium speed random flash
		239-251	High-speed random flash
		252-255	light up
10	red	0-255	Linear dimming, from dark to bright
11	green	0-255	Linear dimming, from dark to bright
12	blue	0-255	Linear dimming, from dark to bright
13	white	0-255	Linear dimming, from dark to bright
14	Color temperature regulation	0-9	NF
		10-255	8000K-2000K
15	Color gradient	0-9	NF
		10-255	Color macro function
16	Static effect	0-29	NF
		30-134	Static effect 1-7 (color controlled by 10 CH, 11 CH, 12 CH, 13 CH) (15 number one effects)
		135-255	Static effect 8-16 (color) (15 effects)
17	Dynamic effect	0-9	NF
		10-124	Dynamic effect 1-23 (color is controlled by 10 CH, 11 CH, 12 CH, 13 CH) (5 number one effects)
		125-255	Dynamic effect 24-40 (fixed color) (5 number one effect)
18	Effect speed	0-63	Pattern freeze frame
		64-158	The pattern effect is counterclockwise from fast to slow
		159-160	Pattern freeze frame
		161-255	The pattern effect is made clockwise from slow to fast
19	background colour R	0-255	Linear dimming is performed from dark to bright
20	background colour G	0-255	Linear dimming is performed from dark to bright
21	background colour B	0-255	Linear dimming is performed from dark to bright
22	background colour W	0-255	Linear dimming is performed from dark to bright
23	reset	0-25	NF

		26-76	Effect motor reset (lamp reset 5s)
		77-127	XY motor reset (lamp reset 5s)
		128-255	All motor reset (lamp reset 5s)
24	R1 LED Dimming	0-255	R1 LED Dimming
25	G1 LED Dimming	0-255	G1 LED Dimming
26	B1 LED Dimming	0-255	B1 LED Dimming
27	W1 LED Dimming	0-255	W1 LED Dimming
...	...	.....	.....
		.....	.....
48	R7 LED Dimming	0-255	R7 LED Dimming
49	G7 LED Dimming	0-255	G7 LED Dimming
50	B7 LED Dimming	0-255	B7 LED Dimming
51	W7 LED Dimming	0-255	W7 LED Dimming
52	Light with dimming	0-255	The light band is linearly dimed from dark to bright
53	Light band flash	0-4	NF
		5-250	Synchronous strobe from slow to fast
		251-255	NF
54	The light with red	0-255	Linear dimming, from dark to bright
55	The light with green	0-255	Linear dimming, from dark to bright
56	The light is blue	0-255	Linear dimming, from dark to bright
57	Light belt effect	0-51	Light belt dimming mode
		52-255	Lamp belt effect (4 number of one effect)
58	Light belt effect speed	0-255	The lamp belt effect speed is changed from slow to fast

5. technical parameter

Power supply: AC100-240V; 50 / 60Hz

Light source: 7 PCS (RGBW) + 30 PCS (RGB) LED

Colour temperature: 2800K-8500K

Spot Angle: 4.5° -45°

Operating angle: X axis 540°; Y axis 205°Z axis mirror disc 360° variable rotation

Functional effect: CTO, staining, beam, vortex, kaleidoscope, single point control

Control mode: DMX, RDM, automatic, sound control, main and secondary computer mode