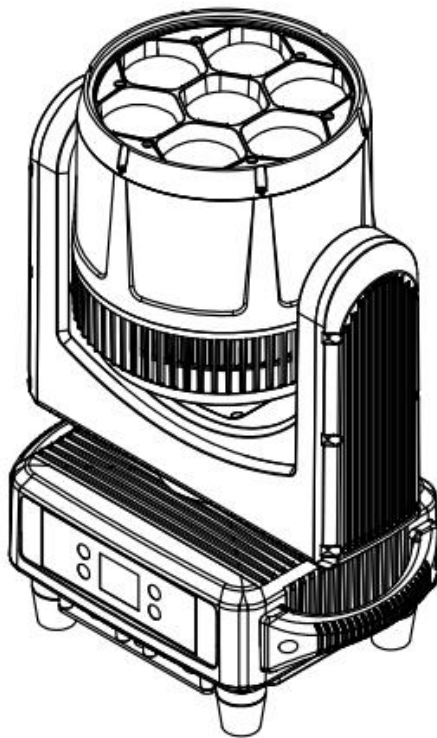# LED Moving Head 7*60W Bee-Eyes
IP65

USER MANUAL

$C\epsilon$

KEEP THIS MANUAL FOR FUTURE NEEDS

We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.

In order to install, operate, and maintain the lighting safety correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

⚠	**CAUTION!** Keep this device away from rain and moisture!

	CAUTION! Unplug mains lead before opening the housing.

Every person involved with the installation, operation and maintenance of this device has to:

-be qualified

-follow carefully the instructions of this manual

1. INTRODUCTION

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One XLR power cable
2. One user manual
3. Two pcs omega

Please check carefully that there is no damage caused by transportation. Should there be any, please consult your dealer and don't install this device.

2 TECHNICAL PARAMETERS

Voltage range: AC100V-240V/50-60Hz

Rated power: 480W

Light source: 7 x 60W RGBW LED high brightness beads

Average lifespan: 50000h

Control methods: DMX512, RDM, master-slave mode, USB, ARTNET protocol (according to requirements)

Channel mode: built-in 3 channel modes 23CH/35CH/51CH (expandable)

X : 540 °   Y : 220 °

Optical system: high-precision single lens structure, high transmittance quartz glass rod+PMMA lens

Optical angle: adjustable from 4 ° to 55 °

Beam: Outstanding small angle beam effect

Wash : evenly spread light at medium to large angles

Color: RGBW color mixing system, uniform color mixing without flicker, fast color rainbow effect

Adjustable color temperature: 2500-10000K

Effect macros: static effect macro function and dynamic effect macro function

Strobe: 1K-25Hz

Dimming: Electronic dimming

Zoom system: linear electric zoom

Lens rotation: Optical lens with 360 ° infinite rotation, automatic error correction function for rotation, variable kaleidoscope, small waist and other effects

Single point control: The light source supports individual independent control and color transformation

Display screen: 1.77-inch LCD screen

Temperature control: Intelligent temperature control, capable of automatically adjusting the speed of the cooling fan and overheating protection, with three fan modes

Software upgrade: Upload upgrade files through the DMX

Magnetic coding positioning: non-contact magnetic rotary encoder positioning, signal feedback, absolute position memory

Shell material: Latest second-generation structural waterproof design, metal die-casting aluminum shell and fire-resistant engineering plastic

Protection level: IP65

Packing size:

Net weight:

Gross weight:

3 :MENU FUNCTION

LED760 BEE EYE MENU TABLE			
Main Menu	**Second**	**Third**	**Fourth**
Dmx Address	000 - 512		
Fixture	Dmx Mode	35CH / 23CH / 51CH	
	Run Mode	DMX / Host	
	Pan Invert	Close / Open	
	Tilt Invert	Close / Open	
	Dmx Signal	Clear / Hold	
Manual	Pan	000 - 255	
	Pan Fine	000 - 255	
	Tilt	000 - 255	
	Tilt Fine	000 - 255	
	⋮	⋮	
Information	Time	Current Time	xxxH
		Total Time	xxxH

		Power Count	xxx
	Sensor	All Sensors are ok/ Pan、Tilt、Zoom、ZoomRo、Temp	
	Temperature	Head Temp	xxxC
		Fan Speed	xxxxRPM
	Software Version	Panel	Vx.xx
		Motor	Vx.xx
		Dimmer	Vx.xx
Factory	Password	000 - 255	
	Pan	000 - 255	
	Tilt	000 - 255	
	Zoom	000 - 255	
	ZoomRo	000 - 255	
	Red	000 - 255	
	Green	000 - 255	
	Blue	000 - 255	
	White	000 - 255	
Fixture Reset	Motor Reset	Cance / Run	
	Factory	Cance / Run	
Display	Language	CH / EN	
	Display Flip	Normal / Reverse	
	Display Mode	60s / Show	

4: DMX CHANNELS

35 CH MODE

35CH Mode			
Channel	**Function**	**Dmx Value**	**Description**

1	Red	0 - 255	Red dimming
2	Red fine	0 - 255	Red fine turning
3	Green	0 - 255	Green dimming
4	Green fine	0 - 255	Green fine turning
5	Blue	0 - 255	Blue dimming
6	Blue fine	0 - 255	Blue fine turning
7	White	0 - 255	White dimming
8	White fine	0 - 255	White fine turning
9	Linear CTO	0 - 255	Linear color temperature regulation
10	Macro Colour	0 - 255	Color macro function
11	Strobe	0 - 3	Lighting off
		4 - 103	Synchronous strobe speed is ranging from slow to fast
		104 - 107	Light up
		108 - 207	Flat-split strobe speed is ranging from slow to fast
		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	Dimmer	0 - 255	Linear dimming occrus from dark to light
13	Dimmer fine	0 - 255	Tuning fine-tuning control
14	Pan	0 - 255	Horizontal control

15	Pan fine	0 - 255	Horizontal fine-tuning control
16	Tilt	0 - 255	Vertical control
17	Tilt fine	0 - 255	Vertical fine-tuning control
18	Function	0 - 255	Obligate
19	Reset	0 - 250	NF
		251 - 255	The lamp body reset was valid for 5s
20	Zoom	0 - 255	Foucus
21	Zoom rotation	0 - 127	0 ~ 60 degrees
		128 - 190	Clockwise polar rotation
		191 - 192	Stop
		193 - 255	Counterclockwise and infinite rotation
22	Shape selection	0 - 255	Shape rotation
23	Shape speed	0 - 255	Shape effect speed control
24	Shape fade	0 - 255	Shape effect is downplayed
25	Shape R	0 - 255	The shape effect is red
26	Shape G	0 - 255	The shape effect is green
27	Shape B	0 - 255	The shape effect is blue
28	Shape W	0 - 255	The shape effect is white
29	Shape dimmer	0 - 255	The effect with 0-100% dimming
30	Background dimmer	0 - 255	Background for 0-100% dimming
31	Shape transition	0 - 255	The shape effect change control
32	Shape offset	0 - 255	The effect angle adjustment

33	Foreground strobe	0 - 255	Foreground strobe
34	Background strobe	0 - 255	Background strobe
35	Background select	0 - 255	Background selection

23CH MODE

23CH Mode			
Channel	**Function**	**Dmx Value**	**Description**
1	Pan	0 - 255	Horizontal control
2	Pan fine	0 - 255	Horizontal fine-tuning control
3	Tilt	0 - 255	Vertical control
4	Tilt fine	0 - 255	Vertical fine-tuning control
5	P&T speed	0 - 255	P&T speed from fast to slow
6	Zoom	0 - 255	Zoom
7	Zoom rotation	0 - 127	0 ~ 60 degrees
		128 - 190	Clockwise polar rotation
		191 - 192	Stop
		193 - 255	Counterclockwise and infinite rotation
8	Dimmer	0 - 255	Linear dimming occrus from dark to light
9	Strobe	0 - 3	Lighting off
		4 - 103	Synchronous strobe speed is ranging from slow to fast
		104 - 107	Light up
		108 - 207	Flat-split strobe speed is ranging from slow to fast

		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	Red dimming
11	Green	0 - 255	Green dimming
12	Blue	0 - 255	Blue dimming
13	White	0 - 255	White dimming
14	Linear CTO	0 - 255	Linear color temperature regulation
15	Macro Color	0 - 255	Color macro function
16	Static effect	0 - 255	Static effect
17	Dynamic effect	0 - 255	Dynamic effect
18	Effect speed	0 - 255	Effect speed
19	Background R	0 - 255	The background is red
20	Background G	0 - 255	The background is green
21	Background B	0 - 255	The background is blue
22	Background W	0 - 255	The background is white
23	Reset	0 - 250	NF
		251 - 255	The lamp body reset was valid for 5s

51CH MODE

Channel	Function	Dmx Value	Description
			51CH Mode
1	Pan	0 - 255	Horizontal control
2	Pan fine	0 - 255	Horizontal fine-tuning control
3	Tilt	0 - 255	Vertical control
4	Tilt fine	0 - 255	Vertical fine-tuning control
5	P&T speed	0 - 255	P&T speed from fast to slow
6	Zoom	0 - 255	Zoom
7	Zoom rotation	0 - 127	0 ~ 60 degrees
		128 - 190	Clockwise polar rotation
		191 - 192	Stop
		193 - 255	Counterclockwise and infinite rotation
8	Dimmer	0 - 255	Linear dimming occrus from dark to light
9	Strobe	0 - 3	Lighting off
		4 - 103	Synchronous strobe speed is ranging from slow to fast
		104 - 107	Light up
		108 - 207	Flat-split strobe speed is ranging from slow to fast
		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	Red dimming
11	Green	0 - 255	Green dimming
12	Blue	0 - 255	Blue dimming
13	White	0 - 255	White dimming
14	Linear CTO	0 - 255	Linear color temperature regulation
15	Macro Color	0 - 255	Color macro function
16	Static effect	0 - 255	Static effect
17	Dynamic effect	0 - 255	Dynamic effect
18	Effect speed	0 - 255	Effect speed
19	Background R	0 - 255	The background is red
20	Background G	0 - 255	The background is green
21	Background B	0 - 255	The background is blue
22	Background W	0 - 255	The background is white
23	Reset	0 - 250	NF
		251 - 255	The lamp body reset was valid for 5s
24	R1 led dimming	0 - 255	R1 led dimming
25	G1 led dimming	0 - 256	G1 led dimming
26	B1 led dimming	0 - 257	B1 led dimming
27	W1 led dimming	0 - 258	W1 led dimming
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48	R7 led dimming	0 - 255	R7 led dimming
49	G7 led dimming	0 - 256	G7 led dimming
50	B7 led dimming	0 - 257	B7 led dimming
51	W7 led dimming	0 - 258	W7 led dimming