

Beam Splitter



USER MANUAL

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INTRODUCTION

Thank you for having chosen our LED lighting

Unpack the device, inside the box you should find:

The fixture device

One power cable

One XLR connection cable

This manual

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

DESCRIPTION

Features

- Light Source: 62 X0.25W RGB
- Power: Electronic 100-240V AC 50/60
- Rated Power: 150W
- Channel Mode: 19/67Ch
- Pan Movement: Infinity Pan Rotation
- Tilt Movement: Infinity Tilt Rotation
- Mirror Ball Rotation: Infinity Mirror Ball Rotation for directions
- Large Mirror: one high reflectivity glass mirror
- Hexagon Reflectors: 76 pcs polygon reflectors
- Fixture Size: 47.3*30*50CM
- Fixture Weight: 17KG
- Packaged Size: 56*49*53CM
- Packaged Weight: 20KG

SAFETY INSTRUCTIONS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

This device falls under protection-class I. Therefore it is essential that the device should be earthed.

The electric connection must carry out by qualified person.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

Important:
Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

DMX-512 control connection

The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:

- 2 conductors plus screen
- 120Ohm impedance
- low capacitance
- max. transmission rate 250kBaud.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

operation
Display Menu

Menu	Sub-menu	
Set	DMX Address	
	Run Mode	
	Channel Mode	
	Invert Pan	
	Invert Tilt	
	Pan-Tilt Swap	

	Pan-Tilt Encoder	
	No DMX Signal	
	Display	
	Load Default	
Menu	1 Pan	255
	2 Pan Fine	127
	3 Pan Rotation	000
	4 Tilt	255
	5 Tilt Fine	127
	6 Tilt Rotation	000
	7 Pan-Tilt Speed	000
	8 Rotation	000
	9 E ect Dimmer	255
	10 Red	255
	11 Green	255
	12 Blue	255
	13 Shutter/Strobe	000
	14 E ect	000
	15 E ect Speed	000
	16 Color E ect	000
	17 Color E ect Speed	000
	18 Reset	000
System	DMX Monitor	
	System Errors	
	Motion Fixture Hours	00000:01
	LED Hours	00000:00
	Total Fixture Hours	00000:48
	Date:	Mar 16 2024
	Time:	0.387314815

DMX functions and values

19Ch	Function	Description	Value
1	Pan	Pan	0-255
2	Pan Fine	Pan Fine	0-255
3	Infinity Pan	No Function	0-5
		Clockwise Pan Rotation (fast to slow)	6- 125
		Rotation Stop	126- 128
		Counter Clockwise Pan Rotation (slow to fast)	128-255
4	Tilt	Tilt	0-255
5	Tilt Fine	Tilt Fine	0-255
6	Infinity Tilt	No Function	0-5
		Clockwise Tilt Rotation (fast to slow)	6- 125
		Rotation Stop	126- 128
		Counter Clockwise Tilt Rotation (slow to fast)	128-255
7	Pan Tilt Speed	Pan & Tilt Speed (fast to slow)	0-255
8	Mirror Ball	No Function	0-7
		Mirror Ball Clockwise Rotation (fast to slow)	8- 127
		stop	128-135
		Mirror Ball Counter Clockwise Rotation (slow to fast)	128-255
9	Master Dimmer	Master Dimmer	0-255
10	Strobe	No Function	0-5
		Strobe (slow to fast)	6- 125

		Random Strobe (slow to fast)	126- 128
		Random Strobe Each Pixel (slow to fast)	128-255
11	Ring Color	Red	0-255
12	Ring Color	Green	0-255
13	Ring Color	Blue	0-255
14	BackGroud Red	Red	0-255
15	BackGroud Green	Green	0-255
16	BackGroud Blue	Blue	0-255
17	Macro	No Function	0-9
		Macro Effect 1	10-24
		Macro Effect 2	25-39
		Macro Effect 3	40-54
		Macro Effect 4	55-69
		Macro Effect 5	70-84
		Macro Effect 6	85-99
		Macro Effect 7	100- 114
		Macro Effect 8	115- 129
		Macro Effect 9	130- 149
		Macro Effect 10	150- 164
		Macro Effect 11	165- 179
		Macro Effect 12	180- 194
		Macro Effect 13	195-209
		Macro Effect 14	210-224

		Macro Effect 15	225-239
		Macro Effect 16	240-255
18	Ring Macro Speed	Macro Forward Speed (fast to slow)	0- 127
		Macro Reverse Speed (slow to fast)	128-255
19	Control	No Function	0-240
		All Motor Reset (Hold for 5 Seconds)	241-255

67CH	Function	Description	Value
1	Pan	Pan	0-255
2	Pan Fine	Pan Fine	0-255
3	Infinity Pan	No Function	0-5
		Clockwise Pan Rotation (fast to slow)	6- 125
		Rotation Stop	126- 128
		Counter Clockwise Pan Rotation (slow to fast)	128-255
4	Tilt	Tilt	0-255
5	Tilt Fine	Tilt Fine	0-255
6	Infinity Tilt	No Function	0-5
		Clockwise Tilt Rotation (fast to slow)	6- 125
		Rotation Stop	126- 128
		Counter Clockwise Tilt Rotation (slow to fast)	128-255
7	Pan Tilt Speed	Pan & Tilt Speed (fast to slow)	0-255
8	Mirror Ball	No Function	0-7
		Mirror Ball Clockwise Rotation (fast to slow)	8- 127
		stop	128-135

		Mirror Ball Counter Clockwise Rotation (slow to fast)	128-255
9	Master Dimmer	Master Dimmer	0-255
10	Ring Color	Red	0-255
11	Ring Color	Green	0-255
12	Ring Color	Blue	0-255
13	BackGroud Red	Red	0-255
14	BackGroud Green	Green	0-255
15	BackGroud Blue	Blue	0-255
16	Strobe	No Function	0-5
		Strobe (slow to fast)	6- 125
		Random Strobe (slow to fast)	126- 128
		Random Strobe Each Pixel (slow to fast)	128-255
17	Macro	No Function	0-9
		Macro Effect 1	10-24
		Macro Effect 2	25-39
		Macro Effect 3	40-54
		Macro Effect 4	55-69
		Macro Effect 5	70-84
		Macro Effect 6	85-99
		Macro Effect 7	100- 114
		Macro Effect 8	115- 129
		Macro Effect 9	130- 149
		Macro Effect 10	150- 164
		Macro Effect 11	165- 179
		Macro Effect 12	180- 194
		Macro Effect 13	195-209
		Macro Effect 14	210-224
		Macro Effect 15	225-239
		Macro Effect 16	240-255

18	Ring Macro Speed	Macro Forward Speed (fast to slow)	0- 127
		Macro Reverse Speed (slow to fast)	128-255
19	Ring Segment	Red Segment 1	0-255
20	Ring Segment	Green Segment 1	0-255
21	Ring Segment	Blue Segment 1	0-255
22	Ring Segment	Red Segment 2	0-255
23	Ring Segment	Green Segment 2	0-255
24	Ring Segment	Blue Segment 2	0-255
25	Ring Segment	Red Segment 3	0-255
26	Ring Segment	Green Segment 3	0-255
27	Ring Segment	Blue Segment 3	0-255
28	Ring Segment	Red Segment 4	0-255
29	Ring Segment	Green Segment 4	0-255
30	Ring Segment	Blue Segment 4	0-255
31	Ring Segment	Red Segment 5	0-255
32	Ring Segment	Green Segment 5	0-255
33	Ring Segment	Blue Segment 5	0-255
34	Ring Segment	Red Segment 6	0-255
35	Ring Segment	Green Segment 6	0-255
36	Ring Segment	Blue Segment 6	0-255
37	Ring Segment	Red Segment 7	0-255
38	Ring Segment	Green Segment 7	0-255
39	Ring Segment	Blue Segment 7	0-255
40	Ring Segment	Red Segment 8	0-255
41	Ring Segment	Green Segment 8	0-255
42	Ring Segment	Blue Segment 8	0-255
43	Ring Segment	Red Segment 9	0-255
44	Ring Segment	Green Segment 9	0-255
45	Ring Segment	Blue Segment 9	0-255

46	Ring Segment	Red Segment 10	0-255
47	Ring Segment	Green Segment 10	0-255
48	Ring Segment	Blue Segment 10	0-255
49	Ring Segment	Red Segment 11	0-255
50	Ring Segment	Green Segment 11	0-255
51	Ring Segment	Blue Segment 11	0-255
52	Ring Segment	Red Segment 12	0-255
53	Ring Segment	Green Segment 12	0-255
54	Ring Segment	Blue Segment 12	0-255
55	Ring Segment	Red Segment 13	0-255
56	Ring Segment	Green Segment 13	0-255
57	Ring Segment	Blue Segment 13	0-255
58	Ring Segment	Red Segment 14	0-255
59	Ring Segment	Green Segment 14	0-255
60	Ring Segment	Blue Segment 14	0-255
61	Ring Segment	Red Segment 15	0-255
62	Ring Segment	Green Segment 15	0-255
63	Ring Segment	Blue Segment 15	0-255
64	Ring Segment	Red Segment 16	0-255
65	Ring Segment	Green Segment 16	0-255
66	Ring Segment	Blue Segment 16	0-255
67	Control	No Function	0-240
		All Motor Reset (Hold for 5 Seconds)	241-255

CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

CAUTION! Disconnect from mains before starting maintenance operation.

There are no servicable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

If you need any spare parts, please use genuine parts.

If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.

If you have further questions, please contact your dealer.

INSTALLATION

The device must only be installed at a vibration-free, oscillation-free and fire-resistant location.