LIGHT SKY®

FLY DRAGON LIGHTING EQUIPMENT CO.,LTD
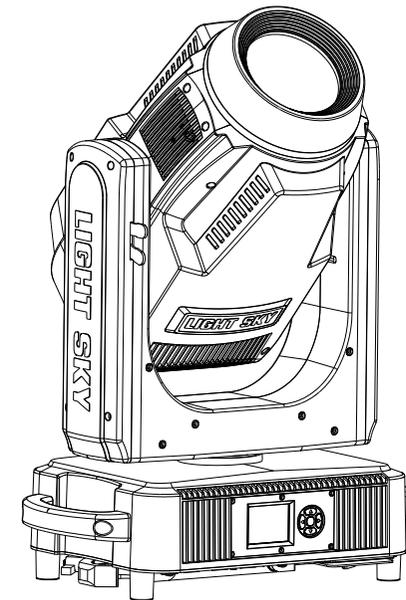
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SUPER SCOPE

USER MANUAL

Please read these user manual carefully before use!

CHANNEL FUNCTION(V1.0)/39CH

Channel	DMX	Percentage	Functions	Note
1	Pan	0 – 255		
2	Pan fine	0 – 255		
3	Tilt	0 – 255		
4	Tilt Fine	0 – 255		
5	P/T speed	0 – 255		
6	Functions	0 – 10	NO function	
		11 – 20	The whole lamp reset	
		21 – 30	XY reset	
		31 – 40	Color reset	
		41 – 50	pattern reset	
		51 – 60	Cutting reset	
		61 – 70	Focus module reset	
		71 – 80	Silent mode	
		81 – 90	Normal mode	
		91 – 100	High Pattern	
		101 – 110	NO function	
		111 – 120	NO function	
		121 – 130	NO function	
		131 – 140	NO function	
		141 – 150	NO function	
		151 – 160	NO function	
		161 – 170	NO function	
		171 – 180	Show backlight is always on	
		181 – 190	Display backlight automatically	
		191 – 200	Open the function	
		201 – 255	NO function	
7	Cyan	0 – 255		
8	Magenta	0 – 255		
9	Yellow	0 – 255		
10	CTO	0 – 255		
11	Colour wheel	0 – 89	0 – 360°	
		90 – 99	OPEN	
		100 – 109	COLOR1	
		110 – 119	COLOR2	
		120 – 129	COLOR3	
		130 – 139	COLOR4	
		140 – 149	COLOR5	
		150 – 159	COLOR6	
		160 – 169	COLOR7	
		170 – 179	COLOR8	
		180 – 214	CW,Slow➔Fast	
		215 – 249	CCW,Fast➔Slow	
		250 – 255	Random color	
12	Static Gobo	0 – 9	OPEN	
		10 – 19	GOBO01	
		20 – 29	GOBO02	
		30 – 39	GOBO03	
		40 – 49	GOBO04	
		50 – 59	GOBO05	
		60 – 69	GOBO06	
		70 – 79	GOBO07	
		80 – 89	GOBO08	
		90 – 99	GOBO09	
		100 – 109	GOBO01 Jitter slow to fast	
		110 – 119	GOBO02 Jitter slow to fast	
		120 – 129	GOBO03 Jitter slow to fast	
		130 – 139	GOBO04 Jitter slow to fast	
		140 – 149	GOBO05 Jitter slow to fast	

Channel	DMX	Percentage	Functions	Note
		150 – 159	GOBO6 Jitter slow to fast	
		160 – 169	GOBO7 Jitter slow to fast	
		170 – 179	GOBO8 Jitter slow to fast	
		180 – 189	GOBO9 Jitter slow to fast	
		190 – 199	OPEN	
		200 – 224	CW,Slow→Fast	
		225 – 249	CCW,Fast→Slow	
		250 – 255	Random Gobo	
13	Rot. Gobo	0 – 9	OPEN	
		10 – 19	GOBO1	
		20 – 29	GOBO2	
		30 – 39	GOBO3	
		40 – 49	GOBO4	
		50 – 59	GOBO5	
		60 – 69	GOBO6	
		70 – 79	GOBO7	
		80 – 89	GOBO1	
		90 – 99	GOBO2 Jitter slow to fast	
		100 – 109	GOBO3 Jitter slow to fast	
		110 – 119	GOBO4 Jitter slow to fast	
		120 – 129	GOBO5 Jitter slow to fast	
		130 – 139	GOBO6 Jitter slow to fast	
		140 – 149	GOBO7 Jitter slow to fast	
		150 – 159	OPEN	
		160 – 204	CW,Slow→Fast	
		205 – 249	CCW,Fast→Slow	
		250 – 255	Random Gobo	
14	Gobo Rot.	0 – 127	0° – 360°	
		128 – 187	CW,Fast→Slow	
		188 – 195	STOP	
		196 – 255	CCW,Slow→Fast	
15	Blade UP1	0 – 255		
16	Blade UP2	0 – 255		
17	Blade DW1	0 – 255		
18	Blade DW2	0 – 255		
19	Blade LF1	0 – 255		
20	Blade LF2	0 – 255		
21	Blade RF1	0 – 255		
22	Blade RF2	0 – 255		
23	Framing Rot.	0 – 255	0° – 90°	
24	Framing Mac.	0 – 10	There is no	
		11 – 20	quadrate	
		21 – 30	rectangle	
		31 – 40	Isosceles triangle	
		41 – 50	Isosceles trapezoid	
		51 – 60	sector	
		61 – 70	semicircle	
		71 – 255	parallelogram	
25	Framing Mac. Zoom			
26	Prism1	0 – 10	Prism off	
		11 – 255	Prism Cut-in	
27	Prism1 Rot	0 – 127	0° – 360°	
		128 – 187	CW,Fast→Slow	
		188 – 195	STOP	
		196 – 255	CCW,Slow→Fast	
28	Prism2	0 – 10	Prism off	
		11 – 255	Prism Cut-in	

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Channel	DMX	Percentage	Functions	Note
29	Prism2 Rot.	0 - 127	0° - 360°	
		128 - 187	CW Fast→Slow	
		188 - 195	STOP	
		196 - 255	CCW Slow→Fast	
30	Frost1	0 - 127	Minimum to maximum atomization	
		128 - 159	Slow IN Fast OUT, Slow → Fast	
		160 - 191	Fast IN Slow OUT, Slow → Fast	
		192 - 255	Slow IN Slow OUT, Slow → Fast	
31	Frost2	0 - 127	Minimum to maximum atomization	
		128 - 159	Slow IN Fast OUT, Slow → Fast	
		160 - 191	Fast IN Slow OUT, Slow → Fast	
		192 - 255	Slow IN Slow OUT, Slow → Fast	
32	Iris	0 - 127	Maximum→Minimum Apertuer	
		128 - 159	Slow IN Fast OUT, Slow → Fast	
		160 - 191	Fast IN Slow OUT, Slow → Fast	
		192 - 255	Slow IN Slow OUT, Slow → Fast	
33	Zoom	0 - 255		
34	Focus	0 - 255		
35	Auto Dis.	0 - 9	NO function	
		10 - 19	5M	
		20 - 29	10M	
		30 - 39	15M	
		40 - 49	20M	
		50 - 59	30M	
		60 - 255	40M	
36	Auto Fin.	0 - 255		
37	Strobe	0 - 255		
38	Dimmer	0 - 255		
39	Dimmer fine	0 - 255		

CHANNEL FUNCTION(V1.0)

Channel	DMX	Percentage	Functions	Note
1	Pan	0 - 255		
2	Pan fine	0 - 255		
3	Tilt	0 - 255		
4	Tilt Fine	0 - 255		
5	P/T speed	0 - 255		
6	Functions	0 - 10	NO function	
		11 - 20	The whole lamp reset	
		21 - 30	XY reset	
		31 - 40	Color reset	
		41 - 50	pattern reset	
		51 - 60	Cutting reset	
		61 - 70	Focus module reset	
		71 - 80	Silent mode	
		81 - 90	Normal mode	
		91 - 100	High Pattern	
		101 - 110	NO function	
		111 - 120	NO function	
		121 - 130	NO function	
		131 - 140	NO function	
		141 - 150	NO function	
		151 - 160	NO function	
		161 - 170	NO function	
		171 - 180	Show backlight is always on	
		181 - 190	Display backlight automatically	
		191 - 200	Open the function	
		201 - 255	NO function	
7	Cyan	0 - 255		
8	Cyan fine	0 - 255		
9	Magenta	0 - 255		
10	Magenta fine	0 - 255		
11	Yellow	0 - 255		
12	Yellow fine	0 - 255		
13	CTO	0 - 255		
14	CTO fine	0 - 255		
15	Colour wheel	0 - 89	0 - 360°	
		90 - 99	OPEN	
		100 - 109	COLOR1	
		110 - 119	COLOR2	
		120 - 129	COLOR3	
		130 - 139	COLOR4	
		140 - 149	COLOR5	
		150 - 159	COLOR6	
		160 - 169	COLOR7	
		170 - 179	COLOR8	
		180 - 214	CW,Slow➙Fast	
		215 - 249	CCW,Fast➙Slow	
		250 - 255	Random color	
16	Static Gobo	0 - 9	OPEN	
		10 - 19	GOBO01	
		20 - 29	GOBO02	
		30 - 39	GOBO03	
		40 - 49	GOBO04	
		50 - 59	GOBO05	
		60 - 69	GOBO06	
		70 - 79	GOBO07	
		80 - 89	GOBO08	
		90 - 99	GOBO09	
		100 - 109	GOBO01 Jitter slow to fast	

Channel	DMX	Percentage	Functions	Note
		110 – 119	GOBO2 Jitter slow to fast	
		120 – 129	GOBO3 Jitter slow to fast	
		130 – 139	GOBO4 Jitter slow to fast	
		140 – 149	GOBO5 Jitter slow to fast	
		150 – 159	GOBO6 Jitter slow to fast	
		160 – 169	GOBO7 Jitter slow to fast	
		170 – 179	GOBO8 Jitter slow to fast	
		180 – 189	GOBO9 Jitter slow to fast	
		190 – 199	OPEN	
		200 – 224	CW,Slow→Fast	
		225 – 249	CCW,Fast→Slow	
		250 – 255	Random Gobo	
17	Rot. Gobo	0 – 9	OPEN	
		10 – 19	GOBO01	
		20 – 29	GOBO02	
		30 – 39	GOBO03	
		40 – 49	GOBO04	
		50 – 59	GOBO05	
		60 – 69	GOBO06	
		70 – 79	GOBO07	
		80 – 89	GOBO01 Jitter slow to fast	
		90 – 99	GOBO02 Jitter slow to fast	
		100 – 109	GOBO03 Jitter slow to fast	
		110 – 119	GOBO04 Jitter slow to fast	
		120 – 129	GOBO05 Jitter slow to fast	
		130 – 139	GOBO06 Jitter slow to fast	
		140 – 149	GOBO07 Jitter slow to fast	
		150 – 159	OPEN	
		160 – 204	CW,Slow→Fast	
		205 – 249	CCW,Fast→Slow	
		250 – 255	Random Gobo	
18	Gobo Rot.	0 – 127	0° – 360°	
		128 – 187	CW Fast→Slow	
		188 – 195	STOP	
		196 – 255	CCW Slow→Fast	
19	Blade UP1	0 – 255		
20	Blade UP1 fine	0 – 255		
21	Blade UP2	0 – 255		
22	Blade UP2 fine	0 – 255		
23	Blade DW1	0 – 255		
24	Blade DW1 fine	0 – 255		
25	Blade DW2	0 – 255		
26	Blade DW2 fine	0 – 255		
27	Blade LF1	0 – 255		
28	Blade LF1 fine	0 – 255		
29	Blade LF2	0 – 255		
30	Blade LF2 fine	0 – 255		
31	Blade RF1	0 – 255		
32	Blade RF1 fine	0 – 255		
33	Blade RF2	0 – 255		
34	Blade RF2 fine	0 – 255		
35	Framing Rot.	0 – 255	0° – 90°	
36	Framing Rot.Fine	0 – 255		
37	Framing Mac.	0 – 10	There is no	
		11 – 20	quadrate	
		21 – 30	rectangle	
		31 – 40	Isosceles triangle	
		41 – 50	Isosceles trapezoid	

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Channel	DMX	Percentage	Functions	Note
		51 – 60	sector	
		61 – 70	semicircle	
		71 – 255	parallelogram	
38	Framing Mac. Zoom			
39	Prism1	0 – 10	Prism off	
		11 – 255	Prism Cut-in	
40	Prism1 Rot	0 – 127	0° – 360°	
		128 – 187	CW Fast➜Slow	
		188 – 195	STOP	
		196 – 255	CCW Slow➜Fast	
41	Prism2	0 – 10	Prism off	
		11 – 255	Prism Cut-in	
42	Prism2 Rot.	0 – 127	0° – 360°	
		128 – 187	CW Fast➜Slow	
		188 – 195	STOP	
		196 – 255	CCW Slow➜Fast	
43	Frost1	0 – 127	Minimum to maximum atomization	
		128 – 159	Slow IN Fast OUT, Slow ➜ Fast	
		160 – 191	Fast IN Slow OUT, Slow ➜ Fast	
		192 – 255	Slow IN Slow OUT, Slow ➜ Fast	
44	Frost2	0 – 127	Minimum to maximum atomization	
		128 – 159	Slow IN Fast OUT, Slow ➜ Fast	
		160 – 191	Fast IN Slow OUT, Slow ➜ Fast	
		192 – 255	Slow IN Slow OUT, Slow ➜ Fast	
45	Iris	0 – 127		
		128 – 159	Slow IN Fast OUT, Slow ➜ Fast	
		160 – 191	Fast IN Slow OUT, Slow ➜ Fast	
		192 – 255	Slow IN Slow OUT, Slow ➜ Fast	
46	Zoom	0 – 255	Maximum➜Minimum Apertuer	
47	Zoom fine	0 – 255		
48	Focus	0 – 255		
49	Focus fine	0 – 255		
50	Auto Dis.	0 – 9	NO function	
		10 – 19	5M	
		20 – 29	10M	
		30 – 39	15M	
		40 – 49	20M	
		50 – 59	30M	
		60 – 255	40M	
51	Auto Fin	0 – 255		
52	Strobe	0 – 255		
53	Dimmer	0 – 255		
54	Dimmer fine	0 – 255		