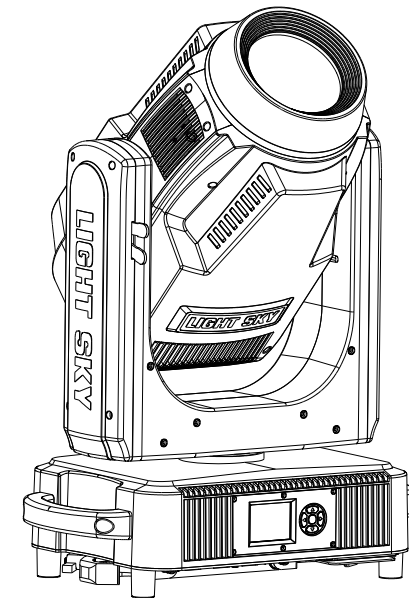


# LIGHT SKY®

FLY DRAGON LIGHTING EQUIPMENT CO.,LTD



## LIGHT SKY®

Tel:0086-20-61828288

Fax:0086-20-61828188 Pc:510800

Web:www.lightsky.com.cn

E-mail: flydragon@lightsky.com.cn

asia@lightsky.com.cn

india@lightsky.com.cn

europa@lightsky.com.cn

latinamerica@lightsky.com.cn

middle-east@lightsky.com.cn

american@lightsky.com.cn

Address: No. 43, Yunfeng Road, Xiuquan Street,  
Huadu District, Guangzhou, China



**LIGHT SKY®**



## SCOPE- USER MANUAL

Please read these user manual carefully before use!

## CHANNEL FUNCTION(V1.0)/27CH

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	XY move blackout ON	
		111 - 120	XY move blackout OFF	
		121 - 130	Pan invert ON	
		131 - 140	Tilt invert ON	
		141 - 150	PT invert OFF	
		151 - 160	PT swap ON	
161 - 170	PT swap OFF			
171 - 180	Show backlight is always on			
181 - 190	Display backlight automatically			
191 - 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	GOB01	
		20 - 29	GOB02	
		30 - 39	GOB03	
		40 - 49	GOB04	
		50 - 59	GOB05	
		60 - 69	GOB06	
		70 - 79	GOB07	
		80 - 89	GOB08	
		90 - 99	GOB09	
		100 - 109	GOB01 Jitter slow to fast	
		110 - 119	GOB02 Jitter slow to fast	
		120 - 129	GOB03 Jitter slow to fast	
		130 - 139	GOB04 Jitter slow to fast	
140 - 149	GOB05 Jitter slow to fast			

Channel	DMX	Percentage	Functions	Note
		150 - 159	GOB06 Jitter slow to fast	
		160 - 169	GOB07 Jitter slow to fast	
		170 - 179	GOB08 Jitter slow to fast	
		180 - 189	GOB09 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	GOB01	
		20 - 29	GOB02	
		30 - 39	GOB03	
		40 - 49	GOB04	
		50 - 59	GOB05	
		60 - 69	GOB06	
		70 - 79	GOB07	
		80 - 89	GOB01	
		90 - 99	GOB02 Jitter slow to fast	
		100 - 109	GOB03 Jitter slow to fast	
		110 - 119	GOB04 Jitter slow to fast	
		120 - 129	GOB05 Jitter slow to fast	
		130 - 139	GOB06 Jitter slow to fast	
		140 - 149	GOB07 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
128 - 187	CW, Fast→Slow			
188 - 195	STOP			
196 - 255	CCW, Slow→Fast			
15	Prism1	0 - 10	Prism off	
		11 - 255	Prism Cut-in	
16	Prism1 Rot	0 - 127	0° - 360°	
		128 - 187	CW, Fast→Slow	
		188 - 195	STOP	
		196 - 255	CCW, Slow→Fast	
17	Prism2	0 - 10	Prism off	
		11 - 255	Prism Cut-in	
18	Prism2 Rot.	0 - 127	0° - 360°	
		128 - 187	CW Fast→Slow	
		188 - 195	STOP	
		196 - 255	CCW Slow→Fast	
19	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	
20	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	

Channel	DMX	Percentage	Functions	Note
21	Zoom	0 - 255		
22	Focus	0 - 255		
23	Auto Dis.	0 - 9	NO function	
		10 - 19	5M	
		20 - 29	10M	
		30 - 39	15M	
		40 - 49	20M	
		50 - 59	30M	
		60 - 255	40M	
24	Auto Fin.	0 - 255		
25	Strobe	0 - 255		
26	Dimmer	0 - 255		
27	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	XY move blackout ON	
		111 - 120	XY move blackout OFF	
		121 - 130	Pan invert ON	
		131 - 140	Tilt invert ON	
		141 - 150	PT invert OFF	
		151 - 160	PT swap ON	
		161 - 170	PT swap OFF	
171 - 180	Show backlight is always on			
181 - 190	Display backlight automatically			
191 - 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	GOB01	
		20 - 29	GOB02	
		30 - 39	GOB03	
		40 - 49	GOB04	
		50 - 59	GOB05	
		60 - 69	GOB06	
		70 - 79	GOB07	
		80 - 89	GOB08	
		90 - 99	GOB09	
		100 - 109	GOB01 Jitter slow to fast	

Channel	DMX	Percentage	Functions	Note
		110 - 119	GOB02 Jitter slow to fast	
		120 - 129	GOB03 Jitter slow to fast	
		130 - 139	GOB04 Jitter slow to fast	
		140 - 149	GOB05 Jitter slow to fast	
		150 - 159	GOB06 Jitter slow to fast	
		160 - 169	GOB07 Jitter slow to fast	
		170 - 179	GOB08 Jitter slow to fast	
		180 - 189	GOB09 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
10 - 19	GOB01			
20 - 29	GOB02			
30 - 39	GOB03			
40 - 49	GOB04			
50 - 59	GOB05			
60 - 69	GOB06			
70 - 79	GOB07			
80 - 89	GOB01 Jitter slow to fast			
90 - 99	GOB02 Jitter slow to fast			
100 - 109	GOB03 Jitter slow to fast			
110 - 119	GOB04 Jitter slow to fast			
120 - 129	GOB05 Jitter slow to fast			
130 - 139	GOB06 Jitter slow to fast			
140 - 149	GOB07 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
		128 - 187	CW Fast→Slow	
		188 - 195	STOP	
		196 - 255	CCW Slow→Fast	
19	Prism1	0 - 10	Prism off	
		11 - 255	Prism Cut-in	
20	Prism1 Rot	0 - 127	0° - 360°	
		128 - 187	CW Fast→Slow	
		188 - 195	STOP	
		196 - 255	CCW Slow→Fast	
21	Prism2	0 - 10	Prism off	
		11 - 255	Prism Cut-in	
22	Prism2 Rot.	0 - 127	0° - 360°	
		128 - 187	CW Fast→Slow	
		188 - 195	STOP	
		196 - 255	CCW Slow→Fast	
23	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	
24	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	

Channel	DMX	Percentage	Functions	Note
25	Zoom			
26	Zoom fine	0 - 255		
27	Focus	0 - 255		
28	Focus fine	0 - 255		
29	Auto Dis.	0 - 9	NO function	
		10 - 19	5M	
		20 - 29	10M	
		30 - 39	15M	
		40 - 49	20M	
		50 - 59	30M	
		60 - 255	40M	
30	Auto Fin	0 - 255		
31	Strobe	0 - 255		
32	Dimmer	0 - 255		
33	Dimmer fine	0 - 255		