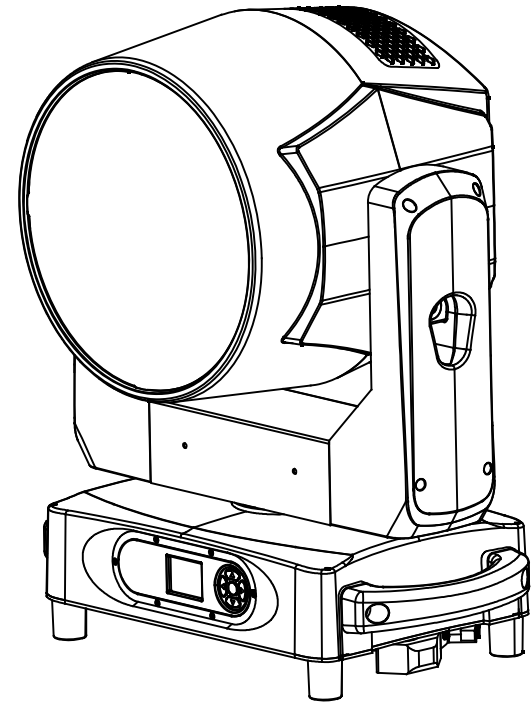


# LIGHT SKY<sup>®</sup>

FLY DRAGON LIGHTING EQUIPMENT CO.,LTD



## AQUAPEARL-PRO

### USER CHANNEL

Please read these user manual carefully before use!

## LIGHT SKY<sup>®</sup>

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<sup>®</sup>**



**CHANNEL FUNCTION**

**Standard(26CH)**

Channel	DMX	Percentage	Function
1	0-255		Pan
2	0-255		Pan Fine
3	0-255		Tilt
4	0-10		Tilt Fine
5	0-25		No Function
	26-30		Zoom Reset
	31-40		P/T Reset
	41-50		System Reset
	51-255		No Function
6	0-255		Zoom
7	0-255		Zoom Rotation
8	0-255		Dimmer
9	0-255		Dimmer Fine
10			Shutter
	0-9	0-3.5	NO Function
	10-49	3.9-19.2	Slow closing, Fast opening, Fast → slow
	50-89	19.6-34.9	Fast closing, Slow opening, Fast → Slow
	90-119	35.3-46.7	Slow closing, Slow open, Fast → Slow
	120-179	47.1-70.2	Random strobe, Slow → Fast
	180-249	70.6-97.6	Synchronous strobe, slow → Fast
	250-255	98-100	NO Function
11	0-255		Macro
12	0-255		CCT
13	0-255		Static Effect
14	0-255		Move Effect
15	0-255		Move Effect Speed
16	0-255		LED Effect Delay
17	0-255		Background Color
18	0-255		Background Dimmer
19	0-255		Red
20	0-255		Green
21	0-255		Blue
22	0-255		White
23	0-255		Auar Dimmer
24	0-255		Auar Color Macro
25	0-255		Auar Effect Macro
26	0-255		Auar Effect Speed

## Mode 2 (45CH)

Channel	DMX	Percentage	Function
1	0-255		Pan
2	0-255		Pan Fine
3	0-255		Tilt
4	0-255		Tilt Fine
5	0-25		No Function
	26-30		Zoom Reset
	31-40		P/T Reset
	41-50		System Reset
	51-255		No Function
6	0-255		Zoom
7	0-255		Zoom Rotation
8	0-255		Dimmer
9	0-255		Dimmer Fine
10			Shutter
	0-9	0-3.5	NO Function
	10-49	3.9-19.2	Slow closing, Fast opening, Fast → slow
	50-89	19.6-34.9	Fast closing, Slow opening, Fast → Slow
	90-119	35.3-46.7	Slow closing, Slow open, Fast → Slow
	120-179	47.1-70.2	Random strobe, Slow → Fast
	180-249	70.6-97.6	Synchronous strobe, slow → Fast
	250-255	98-100	NO Function
11	0-255		Macro
12	0-255		CCT
13	0-255		Static Effect
14	0-255		Move Effect
15	0-255		Move Effect Speed
16	0-255		LED Effect Delay
17	0-255		Background Color
18	0-255		Background Dimmer
19	0-255		Red
20	0-255		Green
21	0-255		Blue
22	0-255		White
23	0-255		Color1
24	0-255		Color2
25	0-255		Color3
26	0-255		Color4
27	0-255		Color5
28	0-255		Color6
29	0-255		Color7
30	0-255		Color8
31	0-255		Color9
32	0-255		Color10
33	0-255		Color11

Channel	DMX	Percentage	Function
34	0-255		Color12
35	0-255		Color13
36	0-255		Color14
37	0-255		Color15
38	0-255		Color16
39	0-255		Color17
40	0-255		Color18
41	0-255		Color19
42	0-255		Auar Dimmer
43	0-255		Auar Color Macro
44	0-255		Auar Effect Macro
45	0-255		Auar Effect Speed

### Mode 3 (98CH)

Channel	DMX	Percentage	Function
1	0-255		Pan
2	0-255		Pan Fine
3	0-255		Tilt
4	0-255		Tilt Fine
5	0-25		No Function
	26-30		Zoom Reset
	31-40		P/T Reset
	41-50		System Reset
	51-255		No Function
6	0-255		Zoom
7	0-255		Zoom Rotation
8	0-255		Dimmer
9	0-255		Dimmer Fine
10			Shutter
	0-9	0-3.5	NO Function
	10-49	3.9-19.2	Slow closing, Fast opening, Fast → slow
	50-89	19.6-34.9	Fast closing, Slow opening, Fast → Slow
	90-119	35.3-46.7	Slow closing, Slow open, Fast → Slow
	120-179	47.1-70.2	Random strobe, Slow → Fast
	180-249	70.6-97.6	Synchronous strobe, slow → Fast
	250-255	98-100	NO Function
11	0-255		Macro
12	0-255		CCT
13	0-255		Static Effect
14	0-255		Move Effect
15	0-255		Move Effect Speed
16	0-255		LED Effect Delay
17	0-255		Background Color
18	0-255		Background Dimmer
19	0-255		Red-1
20	0-255		Green-1
21	0-255		Blue-1
22	0-255		White-1
23	0-255		Red-2
24	0-255		Green-2
25	0-255		Blue-2
26	0-255		White-2
27	0-255		Red-3
28	0-255		Green-3
29	0-255		Blue-3
30	0-255		White-3
31	0-255		Red-4
32	0-255		Green-4
33	0-255		Blue-4

Channel	DMX	Percentage	Function
34	0-255		White-4
35	0-255		Red-5
36	0-255		Green-5
37	0-255		Blue-5
38	0-255		White-5
39	0-255		Red-6
40	0-255		Green-6
41	0-255		Blue-6
42	0-255		White-6
43	0-255		Red-7
44	0-255		Green-7
45	0-255		Blue-7
46	0-255		White-7
47	0-255		Red-8
48	0-255		Green-8
49	0-255		Blue-8
50	0-255		White-8
51	0-255		Red-9
52	0-255		Green-9
53	0-255		Blue-9
54	0-255		White-9
55	0-255		Red-10
56	0-255		Green-10
57	0-255		Blue-10
58	0-255		White-10
59	0-255		Red-11
60	0-255		Green-11
61	0-255		Blue-11
62	0-255		White-11
63	0-255		Red-12
64	0-255		Green-12
65	0-255		Blue-12
66	0-255		White-12
67	0-255		Red-13
68	0-255		Green-13
69	0-255		Blue-13
70	0-255		White-13
71	0-255		Red-14
72	0-255		Green-14
73	0-255		Blue-14
74	0-255		White-14
75	0-255		Red-15
76	0-255		Green-15
77	0-255		Blue-15
78	0-255		White-15

Channel	DMX	Percentage	Function
79	0-255		Red-16
80	0-255		Green-16
81	0-255		Blue-16
82	0-255		White-16
83	0-255		Red-17
84	0-255		Green-17
85	0-255		Blue-17
86	0-255		White-17
87	0-255		Red-18
88	0-255		Green-18
89	0-255		Blue-18
90	0-255		White-18
91	0-255		Red-19
92	0-255		Green-19
93	0-255		Blue-19
94	0-255		White-19
95	0-255		Auar Dimmer
96	0-255		Auar Color Macro
97	0-255		Auar Effect Macro
98	0-255		Auar Effect Speed

### Mode 4 (79CH)

Channel	DMX	Percentage	Function
1	0-255		Pan
2	0-255		Pan Fine
3	0-255		Tilt
4	0-255		Tilt Fine
5	0-25		No Function
	26-30		Zoom Reset
	31-40		P/T Reset
	41-50		System Reset
	51-255		No Function
6	0-255		Zoom
7	0-255		Zoom Rotation
8	0-255		Dimmer
9	0-255		Dimmer Fine
10			Shutter
	0-9	0-3.5	NO Function
	10-49	3.9-19.2	Slow closing, Fast opening, Fast →slow
	50-89	19.6-34.9	Fast closing, Slow opening, Fast →Slow
	90-119	35.3-46.7	Slow closing, Slow open, Fast →Slow
	120-179	47.1-70.2	Random strobe, Slow → Fast
	180-249	70.6-97.6	Synchronous strobe, slow → Fast
	250-255	98-100	NO Function
11	0-255		Macro
12	0-255		CCT
13	0-255		Static Effect
14	0-255		Move Effect
15	0-255		Move Effect Speed
16	0-255		LED Effect Delay
17	0-255		Background Color
18	0-255		Background Dimmer
19	0-255		Red-1
20	0-255		Green-1
21	0-255		Blue-1
22	0-255		Red-2
23	0-255		Green-2
24	0-255		Blue-2
25	0-255		Red-3
26	0-255		Green-3
27	0-255		Blue-3
28	0-255		Red-4
29	0-255		Green-4
30	0-255		Blue-4
31	0-255		Red-5
32	0-255		Green-5
33	0-255		Blue-5
34	0-255		Red-6



Channel	DMX	Percentage	Function
35	0-255		Green-6
36	0-255		Blue-6
37	0-255		Red-7
38	0-255		Green-7
39	0-255		Blue-7
40	0-255		Red-8
41	0-255		Green-8
42	0-255		Blue-8
43	0-255		Red-9
44	0-255		Green-9
45	0-255		Blue-9
46	0-255		Red-10
47	0-255		Green-10
48	0-255		Blue-10
49	0-255		Red-11
50	0-255		Green-11
51	0-255		Blue-11
52	0-255		Red-12
53	0-255		Green-12
54	0-255		Blue-12
55	0-255		Red-13
56	0-255		Green-13
57	0-255		Blue-13
58	0-255		Red-14
59	0-255		Green-14
60	0-255		Blue-14
61	0-255		Red-15
62	0-255		Green-15
63	0-255		Blue-15
64	0-255		Red-16
65	0-255		Green-16
66	0-255		Blue-16
67	0-255		Red-17
68	0-255		Green-17
69	0-255		Blue-17
70	0-255		Red-18
71	0-255		Green-18
72	0-255		Blue-18
73	0-255		Red-19
74	0-255		Green-19
75	0-255		Blue-19
76	0-255		Auar Dimmer
77	0-255		Auar Color Macro
78	0-255		Auar Effect Macro
79	0-255		Auar Effect Speed

### Mode 5 (22CH)

Channel	DMX	Percentage	Function
1	0-255		Pan
2	0-255		Pan Fine
3	0-255		Tilt
4	0-255		Tilt Fine
5	0-25		No Function
	26-30		Zoom Reset
	31-40		P/T Reset
	41-50		System Reset
	51-255		No Function
6	0-255		Zoom
7	0-255		Zoom Rotation
8	0-255		Dimmer
9	0-255		Dimmer Fine
10			Shutter
	0-9	0-3.5	NO Function
	10-49	3.9-19.2	Slow closing, Fast opening, Fast → slow
	50-89	19.6-34.9	Fast closing, Slow opening, Fast → Slow
	90-119	35.3-46.7	Slow closing, Slow open, Fast → Slow
	120-179	47.1-70.2	Random strobe, Slow → Fast
	180-249	70.6-97.6	Synchronous strobe, slow → Fast
	250-255	98-100	NO Function
11	0-255		Macro
12	0-255		CCT
13	0-255		Static Effect
14	0-255		Move Effect
15	0-255		Move Effect Speed
16	0-255		LED Effect Delay
17	0-255		Background Color
18	0-255		Background Dimmer
19	0-255		Auar Dimmer
20	0-255		Auar Color Macro
21	0-255		Auar Effect Macro
22	0-255		Auar Effect Speed

## Mode 6 (16CH)

Channel	DMX	Percentage	Function
1	0-255		Pan
2	0-255		Pan Fine
3	0-255		Tilt
4	0-255		Tilt Fine
5	0-25		No Function
	26-30		Zoom Reset
	31-40		P/T Reset
	41-50		System Reset
	51-255		No Function
6	0-255		Zoom
7	0-255		Zoom Rotation
8	0-255		Dimmer
9	0-255		Dimmer Fine
10			Shutter
	0-9	0-3.5	NO Function
	10-49	3.9-19.2	Slow closing, Fast opening, Fast → slow
	50-89	19.6-34.9	Fast closing, Slow opening, Fast → Slow
	90-119	35.3-46.7	Slow closing, Slow open, Fast → Slow
	120-179	47.1-70.2	Random strobe, Slow → Fast
	180-249	70.6-97.6	Synchronous strobe, slow → Fast
	250-255	98-100	NO Function
11	0-255		Macro
12	0-255		CCT
13	0-255		Auar Dimmer
14	0-255		Auar Color Macro
15	0-255		Auar Effect Macro
16	0-255		Auar Effect Speed

## Mode 7 (39CH)

Channel	DMX	Percentage	Function
1	0-255		Red
2	0-255		Red fine
3	0-255		Green
4	0-255		Green fine
5	0-255		Blue
6	0-255		Blue fine
7	0-255		White
8	0-255		White fine
9	0-255		Linear CTO
10	0-255		Macro colour
11	0-255		Strobe
12	0-255		Dimmer
13	0-255		Dimmer Fine
14	0-255		Pan
15	0-255		Pan Fine
16	0-255		Tilt
17	0-255		Tilt Fine
18	0-255		Function
19	0-255		Reset
20	0-255		Zoom
21	0-255		Zoom ROTA
22	0-255		Shape Selection
23	0-255		Shape Speed
24	0-255		Shape Fade
25	0-255		Shape R
26	0-255		Shape G
27	0-255		Shape B
28	0-255		Shape W
29	0-255		Shape Dimmer
30	0-255		Background Dimmer
31	0-255		Shape Transition
32	0-255		Shape Offset
33	0-255		Foreground Strobe
34	0-255		Background Strobe
35	0-255		Background Select
36	0-255		Auar Dimmer
37	0-255		Auar Color Macro
38	0-255		Auar Effect Macro
39	0-255		Auar Effect Speed

**Mode 8 (35CH)**

Channel	DMX	Percentage	Function
1	0-255		Red
2	0-255		Red fine
3	0-255		Green
4	0-255		Green fine
5	0-255		Blue
6	0-255		Blue fine
7	0-255		White
8	0-255		White fine
9	0-255		Linear CTO
10	0-255		Macro colour
11	0-255		Strobe
12	0-255		Dimmer
13	0-255		Dimmer Fine
14	0-255		Pan
15	0-255		Pan Fine
16	0-255		Tilt
17	0-255		Tilt Fine
18	0-255		Function
19	0-255		Reset
20	0-255		Zoom
21	0-255		Zoom ROTA
22	0-255		Shape Selection
23	0-255		Shape Speed
24	0-255		Shape Fade
25	0-255		Shape R
26	0-255		Shape G
27	0-255		Shape B
28	0-255		Shape W
29	0-255		Shape Dimmer
30	0-255		Background Dimmer
31	0-255		Shape Transition
32	0-255		Shape Offset
33	0-255		Foreground Strobe
34	0-255		Background Strobe
35	0-255		Background Select