

LiGHT SKY
FLY DRAGON LIGHTING EQUIPMENT CO.,LTD

AQUAPEARL-MINI User Manual

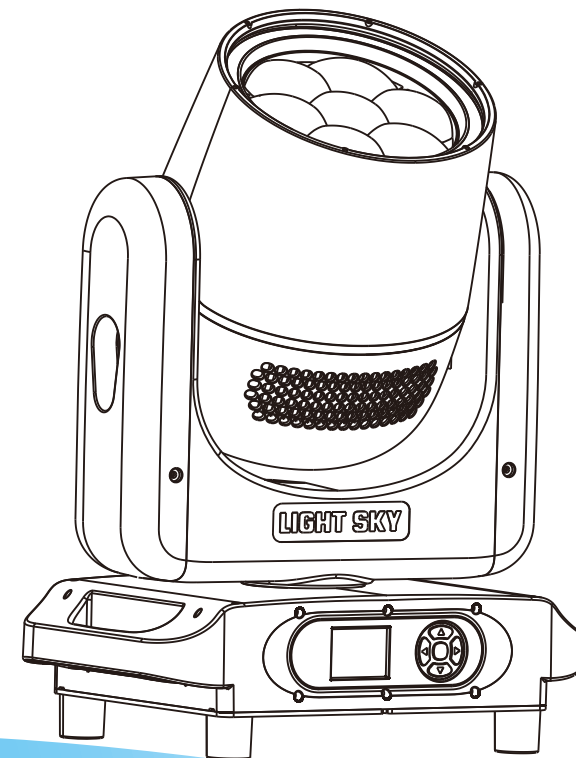
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Please read the instruction carefully bef!

4.2.Address Setting

Enter MENU, select the DMX setting function, select the address code setting, press the OK button to confirm, the current DMX address will be displayed on the display. Use the up/down buttons to select addresses 001~512, and press the OK button to save. Press the OK button to return to the previous menu.

Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
31 CH	1	32	63	94
55 CH	1	56	111	166
21 CH	1	22	43	64
35 CH	1	36	71	106

4.3.DMX 512 Configuration

31 Channel	55 Channel	DMX	Function	Note
1	1	0-255	Pan positioning	
2	2	0-255	Fine Pan positioning	
3	3	0-255	Tilt positioning	
4	4	0-255	Fine Tilt positioning	
5	5		Function(Hold 3s)	
		0-25	No function	
		26-30	Reset Head	
		31-35	Reset Pan&Tilt	
		36-40	Reset All	
		41-49	No function	
		50-59	Fan HighOutput mode	
		60-69	Fan Standard mode	
		70-79	Fan Silent mode	
		80-84	Dis.Blink off	
		85-89	Dis.Blink on	
		90-94	Zoom Beam mode	
		95-99	Zoom Standard mode	
		100-129	No function	
		130-139	Pan invert on	
		140-149	Pan invert off	
		150-159	Tilt invert on	
		160-169	Tilt invert off	
		170-177	LED frequency 1.8kHz	
		178-185	LED frequency 3.6kHz	
186-193	LED frequency 7.2kHz			
194-199	LED frequency 25kHz			
200-204	Dimmer curve linear			
205-209	Dimmer curve square			
210-214	Dimmer curve inv-square			
215-219	Dimmer curve "S"			
220-224	Dimmer Normal			
225-229	Dimmer Smooth 1			
230-234	Dimmer Smooth 2			
235-239	Dimmer Smooth 3			
240-255	No function			
6	6	0-255	Zoom	
7	7		ZoomRot	
		0-127	ZoomRot indexing	
		128-190	ZoomRot CW fast to slow	
		191-192	Stop	
193-255	ZoomRot CCW slow to fast			
8	8	0-255	Dimmer	
9	9	0-255	Dimmer Fine	
10	10		Strobe	
		0-9	Strobe open	
		10-49	Slow closing, Fast opening, slow → fast	
		50-89	Fast closing, Slow opening, Slow → Fast	
		90-119	Slow closing, Slow open, Slow → Fast	
		120-179	Random strobe, Slow → Fast	
		180-249	Synchronous strobe, slow → fast	
		250-255	Strobe open	

31 Channel	55 Channel	DMX	Function	Note
11	\	0-255	Red 0 to 100%	
12	\	0-255	Green 0 to 100%	
13	\	0-255	Blue 0 to 100%	
14	\	0-255	White 0 to 100%	
\	11	0-255	Red1	
\	12	0-255	Green1	
\	13	0-255	Blue1	
\	14	0-255	White1	
\	15	0-255	Red2	
\	16	0-255	Green2	
\	17	0-255	Blue2	
\	18	0-255	White2	
\	19	0-255	Red3	
\	20	0-255	Green3	
\	21	0-255	Blue3	
\	22	0-255	White3	
\	23	0-255	Red4	
\	24	0-255	Green4	
\	25	0-255	Blue4	
\	26	0-255	White4	
\	27	0-255	Red5	
\	28	0-255	Green5	
\	29	0-255	Blue5	
\	30	0-255	White5	
\	31	0-255	Red6	
\	32	0-255	Green6	
\	33	0-255	Blue6	
\	34	0-255	White6	
\	35	0-255	Red7	
\	36	0-255	Green7	
\	37	0-255	Blue7	
\	38	0-255	White7	
15	39	0-2 3-255	CCT 10000k - 2500k No function 10000k - 2500k	
16	40	0-9 10-99 100-199 200-255	EffectMacro No function Static Effect Chase Effect No function	
17	41	0-125 126-129 130-255	EffectSpeed CW fast to slow Stop CCW slow to fast	
18	42	0-255	EffectFade Fade	
19	43	0-255	DimmerBack	
		0-9 10-49	StrobeBack Strobe closed Slow closing, Fast opening, slow → fast	

31 Channel	55 Channel	DMX	Function	Note
20	44	50-89 90-119 120-179 180-249 250-255	Fast closing, Slow opening, Slow → Fast Slow closing, Slow open, Slow → Fast Random strobe, Slow → Fast Synchronous strobe, slow → fast Strobe open	
21	45	0-255	Red of Back Color(for Program)	
22	46	0-255	Green of Back Color(for Program)	
23	47	0-255	Blue of Back Color(for Program)	
24	48	0-255	White of Back Color(for Program)	
25	49	0-255	RingDimmer	
26	50	0-255 0-9 10-49 50-89 90-119 120-179 180-249 250-255	RingStrobe Strobe closed Slow closing, Fast opening, slow → fast Fast closing, Slow opening, Slow → Fast Slow closing, Slow open, Slow → Fast Random strobe, Slow → Fast Synchronous strobe, slow → fast Strobe open	
27	51	0-255	RingRed 0 to 100%	
28	52	0-255	RingGreen 0 to 100%	
29	53	0-255	RingBlue 0 to 100%	
30	54	0-9 0-255	RingEffect No function RingEffect	
31	55	0-125 126-129 130-255	RingSpeed CW fast to slow Stop CCW slow to fast	

21 Channel	DMX	Function	Note
1	0-255	Red 0 to 100%	
2	0-255	Red Fine 0 to 100%	
3	0-255	Green 0 to 100%	
4	0-255	Green Fine 0 to 100%	
5	0-255	Blue 0 to 100%	
6	0-255	Blue Fine 0 to 100%	
7	0-255	White 0 to 100%	
8	0-255	White Fine 0 to 100%	
9	0-2	CCT 10000k - 2500k No function	
	3-255	10000k - 2500k	
10	0-19	Macro Color No function	
	20-192	Macro Color	
	192-255	No function	
11	0-9	Strobe Strobe open	
	10-49	Slow closing, Fast opening, slow → fast	
	50-89	Fast closing, Slow opening, Slow → Fast	
	90-119	Slow closing, Slow open, Slow → Fast	
	120-179	Random strobe, Slow → Fast	
	180-249	Synchronous strobe, slow → fast	
250-255	Strobe open		
12	0-255	Dimmer	
13	0-255	Dimmer Fine	
14	0-255	Pan positioning	
15	0-255	Fine Pan positioning	
16	0-255	Tilt positioning	
17	0-255	Fine Tilt positioning	
18	0-255	Zoom	
19	0-255	Color Crossfade	Channel compatibility, currently without functionality
20	0-1	Function (Hold 3s) No function	
	2-3	Fan HighOutput mode	
	4-7	Fan Standard mode	
	8-9	Fan Silent mode	
	10-102	No function	
	103-105	No function	
	106-120	No function	
	121-130	No function	
	131-140	LED frequency 25kHz	
	141-150	No function	
	151-160	LED frequency 7.2kHz	
	161-170	LED frequency 3.6kHz	
171-180	LED frequency 1.8kHz		
181-255	No function		
21	0-25	Reste No function	
	26-70	Reset Head	
	77-127	Reset Pan&Tilt	
	128-255	Reset All	

35 Channel	DMX	Function	Note
1	0-255	Red 0 to 100%	
2	0-255	Red Fine 0 to 100%	
3	0-255	Green 0 to 100%	
4	0-255	Green Fine 0 to 100%	
5	0-255	Blue 0 to 100%	
6	0-255	Blue Fine 0 to 100%	
7	0-255	White 0 to 100%	
8	0-255	White Fine 0 to 100%	
9	0-2	CCT 10000k - 2500k	
	3-255	No function 10000k - 2500k	
10	0-19	Macro Color	
	20-192	No function Macro Color	
	192-255	No function	
11	0-9	Strobe Strobe open	
	10-49	Slow closing, Fast opening, slow → fast	
	50-89	Fast closing, Slow opening, Slow → Fast	
	90-119	Slow closing, Slow open, Slow → Fast	
	120-179	Random strobe, Slow → Fast	
	180-249	Synchronous strobe, slow → fast	
250-255	Strobe open		
12	0-255	Dimmer	
13	0-255	Dimmer Fine	
14	0-255	Pan positioning	
15	0-255	Fine Pan positioning	
16	0-255	Tilt positioning	
17	0-255	Fine Tilt positioning	
18	0-1	Function(Hold 3s) No function	
	2-3	Fan HighOutput mode	
	4-7	Fan Standard mode	
	8-9	Fan Silent mode	
	10-102	No function	
	103-105	No function	
	106-120	No function	
	121-130	No function	
	131-140	LED frequency 25kHz	
	141-150	No function	
	151-160	LED frequency 7.2kHz	
161-170	LED frequency 3.6kHz		
171-180	LED frequency 1.8kHz		
181-255	No function		
19	0-25	Reste No function	
	26-70	Reset Head	
	77-127	Reset Pan&Tilt	
	128-255	Reset All	
20	0-255	Zoom	
21	0-127	ZoomRot ZoomRot indexing	
	128-190	ZoomRot CW fast to slow	
	191-192	Stop	
	193-255	ZoomRot CCW slow to fast	

35 Channel	DMX	Function	Note
22	0-255	Shape Seletion	Channel compatability, currently without functionality.
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	