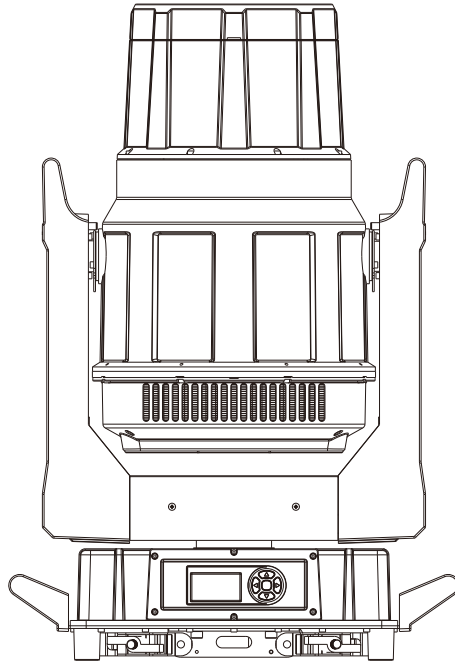


# LIGHT SKY<sup>®</sup>

FLY DRAGON LIGHTING EQUIPMENT CO.,LTD



## SHARK450

## USER MANUAL



Please read these user manual carefully before use!

**CHANNEL FUNCTION(V1.0)**

Channel	DMX	Percentage	Function
<b>1</b>	0-255	0-100	<b>Cyan</b>
<b>2</b>	0-255	0-100	<b>Magenta</b>
<b>3</b>	0-255	0-100	<b>Yellow</b>
<b>4</b>			<b>Colour</b>
	0-4	0-1.56	White
	5-8	1.96-3.14	White+Red
	9-12	3.53-4.71	Red
	13-17	5.10-6.67	Red+Orange
	18-21	7.06-8.24	Orange
	22-25	8.63-9.80	Orange+Aquamarine
	26-29	10.2-11.4	Aquamarine
	30-34	11.8-13.3	Aquamarine+Green
	35-38	13.7-14.9	Green
	39-42	15.3-16.5	Green+Light Green
	43-46	16.9-18.0	Light Green
	47-51	18.4-20.0	Light Green+Lavender
	52-55	20.4-21.6	Lavender
	56-59	22.0-23.1	Lavender+Pink
	60-63	23.5-24.7	Pink
	64-68	25.1-26.7	Pink+Yellow
	69-72	27.0-28.2	Yellow
	73-76	28.6-29.8	Yellow+Magenta
	77-81	30.2-31.8	Magenta
	82-85	32.2-33.3	Magenta+Cyan
	86-89	33.7-34.9	Cyan
	90-93	35.3-36.5	Cyan+CTO 260
	94-98	36.9-38.4	CTO 260/CTO2
	99-102	38.8-40.0	CTO 260+CTO 190/CTO2+CTO1
	103-106	40.4-41.6	CTO 190/CTO1
	107-110	42.0-43.1	CTO 190+CTB 8000/CTO1+CTB
111-115	43.5-45.1	CTB 8000/CTB	
116-119	45.5-46.7	CTB 8000+Blue	
120-123	47.1-48.2	Blue	
124-127	48.6-49.8	Blue+White	
128-191	50.2-74.9	CCW, Fast→Slow Rotation	
192-255	75.3-100	CW, Slow→Fast Rotation	

Channel	DMX	Percentage	Function
<b>5</b>			<b>Strobe</b>
	0-3	0-1.2	Closed
	4-103	1.6-40.4	Slow-Fast Strobe
	104-107	40.8-42.0	Open
	108-157	42.4-61.6	Opening pulses in sequences from slow fast
	158-207	62.0-81.2	Closing pulses in sequences from fast slow
	208-212	81.6-83.1	Open
	213-251	83.5-98.4	Random Slow-Fast Strobe
	252-255	99.8-100	Open
<b>6</b>	0-255	0-100	<b>Dimmer</b>
<b>7</b>			<b>Gobo</b>
	0-3	0-1.2	White
	4-7	1.6-2.7	Gobo1
	8-11	3.1-4.3	Gobo2
	12-15	4.7-5.9	Gobo3
	16-19	6.3-7.5	Gobo4
	20-23	7.8-9.0	Gobo5
	24-27	9.4-10.6	Gobo6
	28-31	11.0-12.2	Gobo7
	32-35	12.5-13.7	Gobo8
	36-39	14.1-15.3	Gobo9
	40-43	15.7-16.9	Gobo10
	44-47	17.3-18.4	Gobo11
	48-51	18.8-20.0	Gobo12
	52-55	20.4-21.6	Gobo13
	56-59	22.0-23.1	Gobo14
	60-73	23.5-28.6	Gobo1 Shake Slow-Fast Speed
	74-87	29.0-34.1	Gobo2 Shake Slow-Fast Speed
	88-101	31.4-39.6	Gobo3 Shake Slow-Fast Speed
	102-115	40.0-45.1	Gobo4 Shake Slow-Fast Speed
	116-129	45.5-50.6	Gobo5 Shake Slow-Fast Speed
	130-143	51.0-56.1	Gobo6 Shake Slow-Fast Speed
	144-157	56.5-61.6	Gobo7 Shake Slow-Fast Speed
	158-171	62.0-67.1	Gobo8 Shake Slow-Fast Speed
	172-185	67.5-72.6	Gobo9 Shake Slow-Fast Speed
	186-199	72.9-78.0	Gobo10 Shake Slow-Fast Speed
	200-213	78.4-83.5	Gobo11 Shake Slow-Fast Speed
	214-227	83.9-89.0	Gobo12 Shake Slow-Fast Speed
	228-241	89.4-94.5	Gobo13 Shake Slow-Fast Speed
	242-255	94.9-100	Gobo14 Shake Slow-Fast Speed

Channel	DMX	Percentage	Function
<b>8</b>	<b>Prism</b>		
	0-63	0-24.7	Unused Range
	64-127	25-49.8	Prism1
	128-191	50.2-74.9	Prism2
	192-255	75.3-100	Prism1+Prism2
<b>9</b>	<b>Prism Rotation</b>		
	0	0	Unused Range
	1-63	0.4-24.7	Angular linear regulation
	Selection of three prism effects: setting prism (prism 1, prism 2 or prism 1+2) in channel 5;		
	64-127	25.1-49.8	CCW, Fast → Slow
	128-191	50.2-74.9	CW, Slow → Fast
	192-207	75.3-81.2	Slow → Fast, 90° Rotating back and forth
	208-223	81.6-87.5	Slow → Fast, 180° Rotating back and forth
	224-239	87.8-93.7	Slow → Fast, 270° Rotating back and forth
	240-255	94.1-100	Slow → Fast, 360° Rotating back and forth
<b>10</b>	<b>Prism Macro</b>		
	0-15	0-5.9	Unused Range
	16-55	6.3-21.6	Fast → Slow, 8 prism free switch
	56-95	22.0-37.3	Fast → Slow, 16prism free switch
	96-135	37.6-52.	Fast → Slow, 8 prism+16prism Simultaneous free switch
	136-175	53.3-68.	Fast → Slow, 8 prism The selected+ 16prism free switch
	176-215	69.0-84.	Fast → Slow 16 prism The selected+ 8prism free switch
	216-255	84.7-100	Fast → Slow, 8 prism and 16prism Interlock switch
<b>11</b>	0-255	0-100	<b>Frost</b>
<b>12</b>	0-255	0-100	<b>Focus</b>
<b>13</b>	0-255	0-100	<b>Pan</b>
<b>14</b>	0-255	0-100	<b>Pan Fine</b>
<b>15</b>	0-255	0-100	<b>TILT</b>
<b>16</b>	0-255	0-100	<b>TILT Fine</b>
<b>17</b>	<b>Function</b>		
	0-25	0-9.8	Unused Range
	26-30	10.2-11.8	Effects Reset
	31-35	12.2-13.7	PAN/TILT Reset
	36-40	14.4-15.7	Complete Reset
	41-180	16.1-70.6	Unused Range
	181-200	71.0-78.4	Lamp OFF
	201-220	78.8-86.3	Unused Range
	221-255	86.7-100	Lamp ON