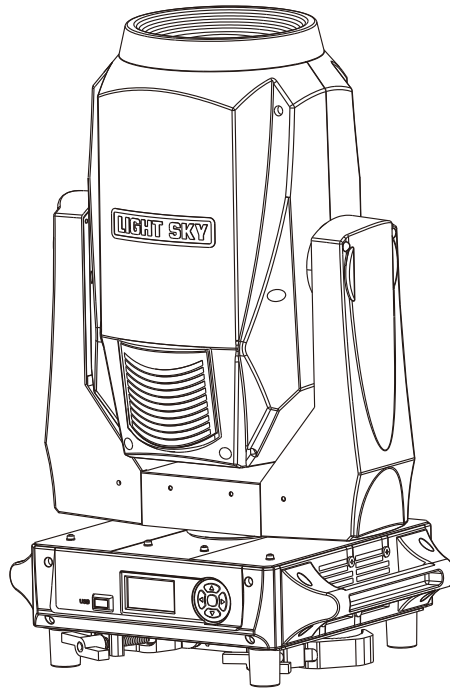


# LIGHT SKY<sup>®</sup>

FLY DRAGON LIGHTING EQUIPMENT CO.,LTD



## F400BSW

### USER MANUAL

Please read these user manual carefully before use

**CHANNEL FUNCTION(V1.0)**

18 CH	20 CH	DMX	Percentage	Function
<b>1</b>	<b>1</b>	0-255	0-100	Dimmer
<b>2</b>	<b>2</b>	Shutter/ strobe		
		0-31	0-12.35	Shutter closed
		32-63	12.35-24.9	Shutter open, Full lamp power
		64-95	24.9-37.45	Strobe-effect from slow to fast
		96-127	37.45-50	Shutter open
		128-143	50-56.27	Opening pulse in sequences from slow to fast
		144-159	56.27-62.55	Closing pulse in sequences from fast to slow
		160-191	62.55-75.1	Shutter open
		192-223	75.1-87.65	Random strobe-effect from slow to fast
	224-255	87.65-100	Shutter open, Full lamp power	
<b>3</b>	<b>3</b>	<b>Colour</b>		
		Continual positioning		
		0-4	0-1.76	Open/white
		5-11	1.76-4.51	White+Dark Red
		12-18	4.51-7.25	Dark Red
		19-25	7.25-10	Dark Red+Nacarat
		26-32	10-12.75	Nacarat
		33-39	12.75-15.49	Nacarat+Light blue
		40-46	15.49-18.24	Light blue
		47-53	18.24-20.98	Light blue+Dark green
		54-60	20.98-23.73	Dark green
		61-67	23.73-26.47	Dark green+Green
		68-74	26.47-29.22	Green
		75-81	29.22-31.96	Green+Purple
		82-88	31.96-34.71	Purple
		89-95	34.71-37.45	Purple+Pink
		96-102	37.45-40.2	Pink
		103-109	40.2-42.94	Pink+Yellow
		110-116	42.94-45.69	Yellow
		117-123	45.69-48.43	Yellow+Magenta
124-130	48.43-51.18	Magenta		
131-137	51.18-53.92	Magenta+Cyan		
	138-144	53.92-56.67	Cyan	

18 CH	20 CH	DMX	Percentage	function
		145-151	56.67-59.41	Cyan+CTO2
		152-158	59.41-62.16	CTO2
		159-165	62.16-64.9	CTO2+CTB
		166-172	64.9-67.65	CTB
		173-179	67.65-70.39	CTB+Dark Blue
		180-186	70.39-73.14	Dark Blue
		187-219	73.14-86.08	Forwards rainbow effect from fast to slow
		220-222	86.08-87.25	No rotation
		223-255	87.25-100	Backwards rainbow effect from slow to fast
<b>4</b>	<b>4</b>	Static gobo wheel		
		0-3	0-1.37	Open/hole
		Positioning		
		4-9	1.37-3.73	Gobo1
		10-15	3.73-6.08	Gobo2
		16-21	6.08-8.43	Gobo3
		22-27	8.43-10.78	Gobo4
		28-33	10.78-13.14	Gobo5
		34-39	13.14-15.49	Gobo6
		40-45	15.49-17.84	Gobo7
		46-51	17.84-20.2	Gobo8
		52-57	20.2-22.55	Gobo9
		58-63	22.55-24.9	Gobo10
		64-69	24.9-27.25	Gobo11
		70-75	27.25-29.61	Gobo12
		76-81	29.61-31.96	Open/hole
		82-87	31.96-34.31	Open/hole
		Shaking gobos from slow to fast		
		88-95	34.31-37.45	Gobo1
		96-103	37.45-40.59	Gobo2
		104-111	40.59-43.73	Gobo3
		112-119	43.73-46.86	Gobo4
		120-127	46.86-50	Gobo5
		128-135	50-53.14	Gobo6
		136-143	53.14-56.27	Gobo7
		144-151	56.27-59.41	Gobo8
		152-159	59.41-62.55	Gobo9
		160-167	62.55-65.69	Gobo10
168-175	65.69-68.82	Gobo11		

18 CH	20 CH	DMX	Percentage	function	
		176-183	68.82-71.96	Gobo12	
		184-191	71.96-75.1	Open/hole	
		192-199	75.1-78.24	Open/hole	
		200-201	78.24-79.02	Open/hole	
		202-221	79.02-86.86	Forwards gobo wheel rotation from fast to slow	
		222-223	86.86-87.65	No rotation	
		224-243	87.65-95.49	Backwards gobo wheel rotation from slow to fast	
		244-249	95.49-97.84	Unused range	
		250-255	97.84-100	Auto random gobo selection from fast to slow	
<b>5</b>	<b>5</b>	Rotating gobo wheel			
		In the range of 0-59 DMX the gobo selection speed is controlled by the Effect Speed channel Index - set indexing on channel			
		0-6	0-2.55	Open/hole (default)	
		7-30	2.55-11.96	Gobo1	
		31-54	11.96-21.37	Gobo2	
		55-78	21.37-30.78	Gobo3	
		79-102	30.78-40.2	Gobo4	
		103-126	40.2-49.61	Gobo5	
		127-150	49.61-59.02	Gobo6	
		151-174	59.02-68.43	Gobo7	
		Shaking gobos from slow to fast Index - set indexing on channel 6			
		175-184	68.43-72.35	Gobo1	
		185-194	72.35-76.27	Gobo2	
		195-204	76.27-80.2	Gobo3	
		205-214	80.2-84.12	Gobo4	
		215-224	84.12-88.04	Gobo5	
		225-234	88.04-91.96	Gobo6	
		235-244	91.96-95.88	Gobo7	
		245-249	95.88-97.84	Open/hole	
		250-255	97.84-100	Auto random gobo selection from fast to slow	

18 CH	20 CH	DMX	Percentage /百分比	Function/功能
<b>6</b>	<b>6</b>	Rot. gobo indexing and rotation		
		0-127	0-50	Gobo indexing
		128-187	50-73.53	Forwards gobo rotation from fast to slow
		188-195	73.53-76.67	No rotation
		196-255	76.67-100	Backwards gobo rotation from slow to fast
<b>7</b>	<b>7</b>	Frost		
		0-127	0-50	Close
		128-255	50-100	Open
<b>8</b>	<b>8</b>	Focus		
		0-255	0-100	Continuous adjustment from far to near
-	<b>9</b>	Focus - fine		
		0-255	0-100	Fine focusing
<b>9</b>	<b>10</b>	Zoom		
		0-255	0-100	Zoom from max. to min.beam angle
-	<b>11</b>	Zoom - fine		
		0-255	0-100	Fine zooming
<b>10</b>	<b>12</b>	Prism		
		0-127	0-50	Open position (hole)
		128-255	50-100	Prism
<b>11</b>	<b>13</b>	Prism rotation and indexing		
		0-4	0-1.76	No rotation
		5-128	5-50.39	Forwards prism rotation from fast to slow
		129-131	50.39-51.57	No rotation
		132-255	51.57-100	Backwards prism rotation from slow to fast
<b>12</b>	<b>14</b>	Prism zoom - set position on channel 12/14		
		0-127	0-50	Zoom from min. to max.beam angle
		128-255	50-100	Prism

18 CH	20 CH	DMX	Percentage	Function
<b>13</b>	<b>15</b>			Autofocus (priority & distance selection) Select desired distance and effect on which you need to focus and use "Focus" channel (18/20) to focus the image.
		0-15	0-5.69	Autofocus Off
		16-55	5.69-21.37	10 metres
		56-95	21.37-37.06	15 metres
		96-135	37.06-52.75	20 metres
		136-175	52.75-68.43	30 metres
		176-215	68.43-84.12	40 metres
216-255	84.12-100	50 metres		
<b>14</b>	<b>16</b>	0-255	0-100	Pan Pan movement by 540
<b>15</b>	<b>17</b>	0-255	0-100	Pan Fine Fine control of pan movement
<b>16</b>	<b>18</b>	0-255	0-100	TILT Tilt movement by 230
<b>17</b>	<b>19</b>	0-255	0-100	TILT Fine Fine control of tilt movement
<b>18</b>	<b>20</b>	Function		
		0-89	0-35.1	Reserved
		90-99	35.1-39.02	Reserved
		100-109	39.02-42.94	Reserved
		110-119	42.94-46.86	Reserved
		120-129	46.86-50.76	Reserved
		130-139	50.76-54.71	Lamp ON
		140-149	54.71-58.63	PAN/TITL Reset
		150-159	58.63-62.55	Fuction reset
		160-169	62.55-66.47	Total reset
		170-229	66.47-90	Reserved
		230-239	90-93.92	Lamp Off
240-255	93.92-100	Reserved		