



## **OPERATING MODE**

The Fixture has one single operating mode that take 31 DMX channels

**IMPORTANT:** To Unlock the display press the buttons sequence:  
UP – DOWN – UP – DOWN – ENTER.

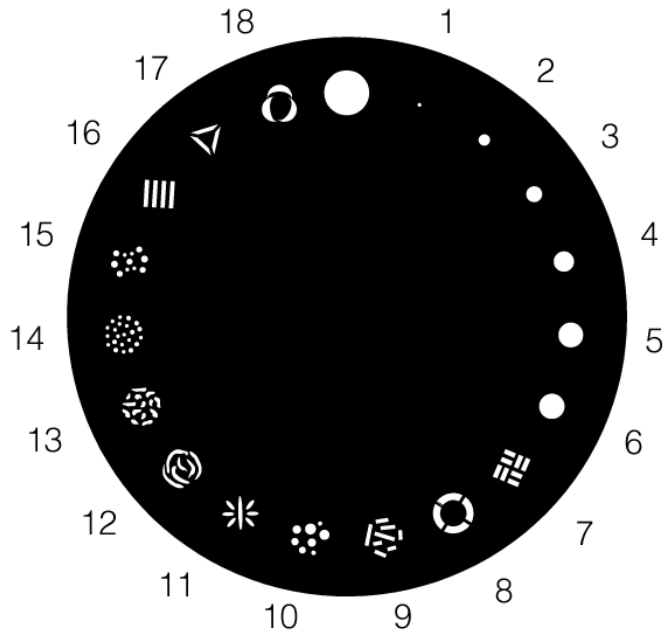
### DMX list

<i>DMX parameter n°</i>	<i>Function</i>
1	CYAN
2	MAGENTA
3	YELLOW
4	COLOUR WHEEL 1
5	COLOUR WHEEL 2
6	COLOUR WHEEL 3
7	STOPPER / STROBE
8	DIMMER
9	DIMMER FINE
10	STATIC GOBO WHEEL
11	ANIMATION WHEEL INSERTION
12	ANIMATION WHEEL ROTATION
13	ROTATING GOBO SELECT
14	GOBO ROTATION
15	GOBO ROTATION FINE
16	4 FACET PRISMS INSERTION
17	PRISMS ROTATION
18	8 FACET PRISMS INSERTION
19	PRISMS ROTATION
20	FROST
21	ZOOM
22	FOCUS
23	FOCUS FINE
24	BEAM MODE
25	PAN
26	PAN FINE
27	TILT
28	TILT FINE
29	FUNCTION
30	RESET
31	LAMP CONTROL








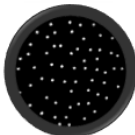
<b>Channel</b>	<b>DMX Value</b>	<b>Function</b>
<b>1</b>	<b>000 - 255</b>	<b>CYAN</b> Linear 0 – 100%
<b>2</b>	<b>000 - 255</b>	<b>MAGENTA</b> Linear 0 – 100%
<b>3</b>	<b>000 - 255</b>	<b>YELLOW</b> Linear 0 – 100%
<b>4</b>		<b>COLOUR WHEEL 1</b>
	<b>000 - 023</b>	Empty position
	<b>024 - 046</b>	Empty + UV filter
	<b>047 - 069</b>	UV filter
	<b>070 - 092</b>	UV filter + Lavender
	<b>093 - 115</b>	Lavender
	<b>116 - 139</b>	Lavender + CT0 3200K
	<b>140 - 162</b>	CT0 3200K
	<b>163 - 185</b>	CT0 3200K + CT0 2500K
	<b>186 - 208</b>	CT0 2500K
	<b>209 - 231</b>	CT0 2500K + Blue Wood
<b>232 - 255</b>	Blue Wood	
<b>5</b>		<b>COLOUR WHEEL 2</b>
	<b>000 - 023</b>	Empty position
	<b>024 - 046</b>	Empty + Dark Green
	<b>047 - 069</b>	Dark Green
	<b>070 - 092</b>	Dark Green + CTB
	<b>093 - 115</b>	CTB
	<b>116 - 139</b>	CTB + Dark Blue
	<b>140 - 162</b>	Dark Blue
	<b>163 - 185</b>	Dark Blue + H.M. Green
	<b>186 - 208</b>	H.M. Green
	<b>209 - 231</b>	H.M. Green + Dark Red
<b>232 - 255</b>	Dark Red	

<b>Channel</b>	<b>DMX Value</b>	<b>Function</b>
<b>6</b>		<b>COLOUR WHEEL 3</b>
	<b>000 - 023</b>	Empty position
	<b>024 - 046</b>	Empty + Light Green
	<b>047 - 069</b>	Light Green
	<b>070 - 092</b>	Light Green + Pink
	<b>093 - 115</b>	Pink
	<b>116 - 139</b>	Pink + Aquamarine
	<b>140 - 162</b>	Aquamarine
	<b>163 - 185</b>	Aquamarine + Dark Orange
	<b>186 - 208</b>	Dark Orange
	<b>209 - 231</b>	Dark Orange + Light Orange
	<b>232 - 255</b>	Light Orange
<b>7</b>		<b>STROBE</b>
	<b>000 - 003</b>	Closed
	<b>004 - 103</b>	Linear Strobe from slow (1 flash/sec) to fast (25 flashes/sec)
	<b>104 - 107</b>	Open
	<b>108 - 207</b>	Linear Pulse from slow to fast
	<b>208 - 212</b>	Open
	<b>213 - 225</b>	Random Strobe at low frequency
	<b>226 - 238</b>	Random Strobe at medium frequency
	<b>239 - 251</b>	Random Strobe at high frequency
<b>252 - 255</b>	Open	
<b>8</b>	<b>000 - 255</b>	<b>DIMMER</b> Linear Dimmer 0-100%
<b>9</b>	<b>000 - 255</b>	<b>DIMMER FINE</b>

Channel	DMX Value	Function
<b>10</b>		<b>STATIC GOBO WHEEL</b>
	000 - 003	Empty position
	004 - 007	Gobo 1
	008 - 011	Gobo 2
	012 - 014	Gobo 3
	015 - 018	Gobo 4
	019 - 022	Gobo 5
	023 - 026	Gobo 6
	027 - 029	Gobo 7
	030 - 033	Gobo 8
	034 - 037	Gobo 9
	038 - 041	Gobo 10
	042 - 044	Gobo 11
	045 - 048	Gobo 12
	049 - 052	Gobo 13
	053 - 056	Gobo 14
	057 - 059	Gobo 15
	060 - 063	Gobo 16
	064 - 067	Gobo 17
	068 - 071	Gobo 18
	072 - 113	Linear CW from slow to fast
	114 - 117	Stop
	118 - 159	Linear CCW from slow to fast
	160 - 165	Gobo 1 shakes from slow to fast
	166 - 170	Gobo 2 shakes from slow to fast
	171 - 175	Gobo 3 shakes from slow to fast
	176 - 181	Gobo 4 shakes from slow to fast ...
	182 - 186	Gobo 5 shakes from slow to fast ...
	187 - 191	Gobo 6 shakes from slow to fast ...
	192 - 196	Gobo 7 shakes from slow to fast ...
	197 - 202	Gobo 8 shakes from slow to fast ...
	203 - 207	Gobo 9 shakes from slow to fast ...
208 - 212	Gobo 10 shakes from slow to fast ...	
213 - 218	Gobo 11 shakes from slow to fast ...	
219 - 223	Gobo 12 shakes from slow to fast ...	
224 - 228	Gobo 13 shakes from slow to fast ...	
229 - 233	Gobo 14 shakes from slow to fast ...	
234 - 239	Gobo 15 shakes from slow to fast ...	
240 - 244	Gobo 16 shakes from slow to fast ...	
245 - 249	Gobo 17 shakes from slow to fast ...	
250 - 255	Gobo 18 shakes from slow to fast ...	



<i>Channel</i>	<i>DMX Value</i>	<i>Function</i>
<b>11</b>	<b>000 - 255</b>	<b>ANIMATION WHEEL</b> Linear Animation Disk Insertion
<b>12</b>		<b>ANIMATION WHEEL ROTATION</b>
	<b>000 - 003</b>	Stop rotation
	<b>004 - 127</b>	Linear CCW from slow to fast
	<b>128 - 131</b>	Minimum rotation
	<b>132 - 255</b>	Linear CW from slow to fast

Channel	DMX Value	Function
<b>13</b>		<b>ROTATING GOBO SELECT</b>
	<b>000 - 007</b>	Empty position
	<b>008 - 015</b>	Gobo 1 
	<b>016 - 023</b>	Gobo 2 
	<b>024 - 031</b>	Gobo 3 
	<b>032 - 039</b>	Gobo 4 
	<b>040 - 047</b>	Gobo 5 
	<b>048 - 055</b>	Gobo 6 
	<b>056 - 063</b>	Gobo 7 
	<b>064 - 071</b>	Gobo 8 
	<b>072 - 113</b>	Linearly CCW wheel rotation from fast to slow
	<b>114 - 117</b>	Stop rotation
	<b>118 - 159</b>	Linearly CW wheel rotation from slow to fast
	<b>160 - 171</b>	Gobo 1 shakes from slow to fast
	<b>172 - 183</b>	Gobo 2 shakes from slow to fast
	<b>184 - 195</b>	Gobo 3 shakes from slow to fast
	<b>196 - 207</b>	Gobo 4 shakes from slow to fast
	<b>208 - 219</b>	Gobo 5 shakes from slow to fast
	<b>220 - 231</b>	Gobo 6 shakes from slow to fast
<b>232 - 243</b>	Gobo 7 shakes from slow to fast	
<b>244 - 255</b>	Gobo 8 shakes from slow to fast	

<i>Channel</i>	<i>DMX Value</i>	<i>Function</i>
<b>14</b>		<b>GOBO ROTATION</b>
	<b>000 - 021</b>	Gobo indexing CW: 0° to 90° range
	<b>022 - 042</b>	Gobo indexing CW: 91° to 180° range
	<b>043 - 063</b>	Gobo indexing CW: 181° to 270° range
	<b>064 - 084</b>	Gobo indexing CW: 271° to 360° range
	<b>085 - 105</b>	Gobo indexing CW: 361° to 450° range
	<b>106 - 127</b>	Gobo indexing CW: 451° to 540° range
	<b>128 - 190</b>	Linear CW rotation from fast to slow
	<b>191 - 192</b>	Stop
<b>193 - 255</b>	Linear CCW rotation from slow to fast	
<b>15</b>	<b>000 - 255</b>	<b>FINE GOBO ROTATION</b> Indexing CW
<b>16</b>		<b>4 FACET PRISM INSERTION</b>
	<b>000 - 127</b>	Open
	<b>128 - 255</b>	4-facet Prism Linear insertion
<b>17</b>		<b>4 FACET PRISM ROTATION</b>
	<b>000 - 021</b>	Prism indexing CW: 0° to 90° range
	<b>022 - 042</b>	Prism indexing CW: 91° to 180° range
	<b>043 - 063</b>	Prism indexing CW: 181° to 270° range
	<b>064 - 084</b>	Prism indexing CW: 271° to 360° range
	<b>085 - 105</b>	Prism indexing CW: 361° to 450° range
	<b>106 - 127</b>	Prism indexing CW: 451° to 540° range
	<b>128 - 190</b>	Linear CW rotation from fast to slow
	<b>191 - 192</b>	Stop
<b>193 - 255</b>	Linear CCW rotation from slow to fast	
<b>18</b>		<b>8 FACET PRISM INSERTION</b>
	<b>000 - 127</b>	Open
	<b>128 - 255</b>	8-facet Prism Linear insertion
<b>19</b>		<b>8 FACET PRISM ROTATION</b>
	<b>000 - 021</b>	Prism indexing CW: 0° to 90° range
	<b>022 - 042</b>	Prism indexing CW: 91° to 180° range
	<b>043 - 063</b>	Prism indexing CW: 181° to 270° range
	<b>064 - 084</b>	Prism indexing CW: 271° to 360° range
	<b>085 - 105</b>	Prism indexing CW: 361° to 450° range
	<b>106 - 127</b>	Prism indexing CW: 451° to 540° range
	<b>128 - 190</b>	Linear CW rotation from fast to slow
	<b>191 - 192</b>	Stop
<b>193 - 255</b>	Linear CCW rotation from slow to fast	
<b>20</b>	<b>000 - 255</b>	<b>FROST</b>
<b>21</b>	<b>000 - 255</b>	<b>ZOOM</b>
<b>22</b>	<b>000 - 255</b>	<b>FOCUS</b>
<b>23</b>	<b>000 - 255</b>	<b>FOCUS FINE</b>



Channel	DMX Value	Function
24		<b>BEAM MODE</b>
	000 - 127	Spot mode
	128 - 255	Beam mode
25	000 - 255	<b>PAN CCW</b>
26	000 - 255	<b>PAN FINE CCW</b>
27	000 - 255	<b>TILT</b>
28	000 - 255	<b>TILT FINE</b>
29		<b>FUNCTION</b>
	000 - 110	Not used
	111 - 120	Standard CMY speed
	121 - 130	Fast CMY speed
	131 - 140	Not used
	141 - 150	Fast Pan and Tilt speed
	151 - 160	Standard Pan and Tilt speed
	161 - 170	Display OFF
	171 - 180	Display ON
	181 - 190	Dimmer curve 1
	191 - 200	Dimmer curve 2
	201 - 255	Not used
<b>The functions are activated/selected staying in the necessary range for 3 seconds</b>		
30	000 - 025	<b>RESET</b> Free
	026 - 076	Effects Reset Effects Reset sequence is activated staying in this range for 5 seconds
	077 - 127	Pan / Tilt Reset Pan/Tilt Reset sequence staying in this range for 5 seconds
	128 - 255	Complete Reset All-effects Reset sequence staying in this range for 5 seconds
31		<b>LAMP CONTROL</b>
	000 - 025	Free
	026 - 100	Lamp OFF Lamp switch-off staying in this range for 3 seconds
	101 - 255	Lamp ON Lamp switch-on staying in this range for 3 seconds <b>SHARPY PLUS AQUA is not provided with hot re-strike igniter</b> After switching-off the lamp wait at least 2 minutes before switching-on it again

## **IMPORTANT NOTE**

When you turn off the lamps please wait at least a couple of minutes before to turn the lamp on again.

To prevent accidental breakage of the effects, which could collide with each other's during transport, before to switch the unit OFF please make sure that all the fixture DMX parameters have been excluded (DMX level = 0 bit.).

Is recommended to turn off the lamps before to turn off the fixtures.