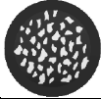




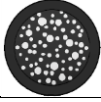










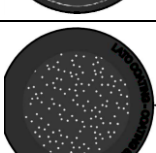


## DMX LIST

Parameter	Function
1	CYAN
2	MAGENTA
3	YELLOW
4	COLOUR WHEEL
5	STOPPER / STROBE
6	DIMMER
7	DIMMER FINE
8	IRIS
9	STATIC GOBO CHANGE
10	ROTATING GOBO CHANGE
11	GOBO ROTATION
12	GOBO FINE
13	PRISM INSERTION
14	PRISM ROTATION
15	FROST
16	FOCUS
17	ZOOM
18	PAN
19	PAN FINE
20	TILT
21	TILT FINE
22	RESET
23	FUNCTION

Number of parameter	DMX Value	Function
<b>1</b>		<b>CYAN</b>
	0 - 255	Linear Cyan colour movement from white to full (Color Mixing → CMY) Linear Cyan colour movement full to white (Color Mixing → RGB)
<b>2</b>		<b>MAGENTA</b>
	0 - 255	Linear Magenta colour movement from white to full (Color Mixing → CMY) Linear Magenta colour movement from full to white (Color Mixing → RGB)
<b>3</b>		<b>YELLOW</b>
	0 - 255	Linear Yellow colour movement from white to full (Color Mixing → CMY) Linear Yellow colour movement from full to white (Color Mixing → RGB)
<b>4</b>		<b>COLOUR WHEEL</b>
	0 – 7	Empty position
	8 – 15	Empty + Dark Red
	16 – 23	Dark Red
	24 – 31	Dark Red + Brilliant Blue
	32 – 39	Brilliant Blue
	40 – 47	Brilliant Blue + Green
	48 – 55	Green
	56 – 63	Green + CTO
	64 – 71	CTO
	72 – 79	CTO + Light Orange
	80 – 87	Light Orange
	88 – 95	Light Orange + Dark Orange
	96 – 103	Dark Orange
	104 – 111	Dark Orange + Navy Blue
	112 – 119	Navy Blue
	120 – 127	Navy Blue + Empty
128 - 255	Continuous colour wheel CW rotation at linearly variable speed from slow to fast	
<b>5</b>		<b>STOPPER / STROBE</b>
	0 - 3	Light OFF
	4 - 103	Strobe at linearly variable frequency from low (1 flash/sec) to high (25 flashes/sec)
	104 - 107	Light ON
	108 - 207	Pulsation at linearly variable speed from slow to fast
	208 - 212	Light ON
	213 - 225	Random Strobe at low frequency
	226 - 238	Random Strobe at medium frequency
	239 - 251	Random Strobe at high frequency
252 - 255	Light ON	
<b>6</b>	0 - 255	<b>DIMMER</b> Light output linearly increases from no-light to maximum output
<b>7</b>	0 - 255	<b>DIMMER FINE (16 Bit)</b> Fine Dimmer control
<b>8</b>		<b>IRIS</b>
	0 - 127	Iris linearly open from minimum to maximum aperture
	128 - 131	Maximum aperture
	132 - 171	Iris pulsation from slow to fast speed
	172 - 211	Iris pulsation from slow to fast speed with fast opening
	212 - 251	Iris pulsation from slow to fast speed with fast closing
252 - 255	Maximum aperture	

Number of parameter	DMX Value	Function	
<b>9</b>		<b>STATIC GOBO CHANGE</b>	
	0 – 6	Empty position	
	7 – 12	Gobo 1 position	
	13 – 19	Gobo 2 position	
	20 – 25	Gobo 3 position	
	26 – 32	Gobo 4 position	
	33 – 38	Gobo 5 position	
	39 – 45	Gobo 6 position	
	46 – 51	Gobo 7 position	
	52 – 58	Gobo 8 position	
	59 – 64	Gobo 9 position	
	65 – 71	Gobo 10 position	
	72 - 113	Continuous gobo wheel CW rotation at linearly variable speed from fast to slow	
	114 - 117	Stop rotation	
	118 - 159	Continuous gobo wheel CCW rotation at linearly variable speed from slow to fast	
	160 – 169	Gobo 1 shakes at variable speed from slow to fast	
	170 – 179	Gobo 2 shakes at variable speed from slow to fast	
	180 – 188	Gobo 3 shakes at variable speed from slow to fast	
	189 – 198	Gobo 4 shakes at variable speed from slow to fast	
	199 – 207	Gobo 5 shakes at variable speed from slow to fast	
	208 – 217	Gobo 6 shakes at variable speed from slow to fast	
	218 – 226	Gobo 7 shakes at variable speed from slow to fast	
	227 – 236	Gobo 8 shakes at variable speed from slow to fast	
	237 – 245	Gobo 9 shakes at variable speed from slow to fast	
	246 – 255	Gobo 10 shakes at variable speed from slow to fast	

Number of parameter	DMX Value	Function	
<b>10</b>		<b>ROTATING GOBO CHANGE</b>	
	0 – 8	Empty position	
	9 – 17	Gobo 1 position	
	18 – 26	Gobo 2 position	
	27 – 35	Gobo 3 position	
	36 – 44	Gobo 4 position	
	45 – 53	Gobo 5 position	
	54 – 62	Gobo 6 position	
	63 – 71	Gobo 7 position	
	72 - 113	Continuous CCW rotation at linearly variable speed from fast to slow	
	114 - 117	Stop rotation	
	118 - 159	Continuous CW rotation at linearly variable speed from slow to fast	
	160 - 173	Gobo 1 shakes at variable speed from slow to fast	
	174 - 187	Gobo 2 shakes at variable speed from slow to fast	
	188 - 200	Gobo 3 shakes at variable speed from slow to fast	
	201 - 214	Gobo 4 shakes at variable speed from slow to fast	
215 - 227	Gobo 5 shakes at variable speed from slow to fast		
228 - 241	Gobo 6 shakes at variable speed from slow to fast		
242 - 255	Gobo 7 shakes at variable speed from slow to fast		

Number of parameter	DMX Value	Function
<b>11</b>		<b>GOBO ROTATION</b>
	0 - 21	Gobo indexing CW: 0° to 90° range
	21 - 42	Gobo indexing CW: 90° to 180° range
	42 - 63	Gobo indexing CW: 180° to 270° range
	63 - 84	Gobo indexing CW: 270° to 360° range
	84 - 105	Gobo indexing CW: 360° to 450° range
	105 - 127	Gobo indexing CW: 450° to 540° range
	128 - 190	Continuous CW gobo rotation at linearly variable speed from fast to slow
	191 - 192	Stop rotation
193 - 255	Continuous CCW gobo rotation at linearly variable speed from slow to fast	
<b>12</b>		<b>GOBO FINE</b>
	0 – 255	Fine CW gobo rotation
<b>13</b>		<b>PRISM INSERTION</b>
	0 - 127	Prism out
	128 - 255	4 facet prism into the light beam
<b>14</b>		<b>PRISM ROTATION</b>
	0 - 21	Prism indexing CW: 0° to 90° range
	21 - 42	Prism indexing CW: 90° to 180° range
	42 - 63	Prism indexing CW: 180° to 270° range
	63 - 84	Prism indexing CW: 270° to 360° range
	84 - 105	Prism indexing CW: 360° to 450° range
	105 - 127	Prism indexing CW: 450° to 540° range
	128 - 190	Continuous prism rotation CW at linearly variable speed from fast to slow
	191 - 192	Stop rotation
193 - 255	Continuous prism rotation CCW at linearly variable speed from slow to fast	
<b>15</b>		<b>FROST</b>
	0 - 128	Frost out
	129 - 255	Frost into the light beam
<b>16</b>		<b>FOCUS</b>
	0 - 255	Focus moves linearly from far to near position
<b>17</b>		<b>ZOOM</b>
	0 – 255	Zoom linearly moves from narrow to wide beam
<b>18</b>		<b>PAN</b>
	0 – 255	Pan movement/positioning CCW from 0° to 540° (Setting: Invert Pan=Off; Invert Tilt=Off)
<b>19</b>		<b>PAN FINE</b>
	0 – 255	Fine Pan positioning CCW
<b>20</b>		<b>TILT</b>
	0 – 255	Tilt movement/positioning CW from 0° to 270° (invert Pan=Off; Invert Tilt=Off)
<b>21</b>		<b>TILT FINE</b>
	0 – 255	Fine Tilt positioning CW

Number of parameter	DMX Value	Function
<b>22</b>		<b>RESET</b>
	0 – 25	Unused range
	26 – 76	Effects Reset Effects Reset sequence is activated passing through the unused levels range and staying in this range for 5 seconds
	77 – 127	Pan / Tilt Reset Pan/Tilt Reset sequence passing through the unused levels range and staying in this range for 5 seconds.
	128 – 255	Complete Reset All-effects Reset sequence passing through the unused levels range and staying in this range for 5 seconds.
<b>23</b>		<b>FUNCTION</b>
	0 – 10	Unused range
	11 – 20	Led Frequency 600Hz
	21 – 30	Led Frequency 1200Hz (default setting)
	31 – 40	Led Frequency 2000Hz
	41 – 50	Led Frequency 4000Hz
	51 – 60	Led Frequency 8000Hz
	61 – 70	Led Frequency 16KHz
	71 – 80	Led Frequency 25KHz
	81 – 90	Fan Mode Auto (default setting)
	91 – 95	Fan Mode SLN
	96 – 100	Fan Mode Theatre
	101 – 110	Fan Mode Constant
	111 – 120	Pan/Tilt Slow Speed
	121 – 130	Pan/Tilt Medium Speed
	131 – 140	Pan/Tilt Fast Speed (default setting)
	141 – 150	CMY Normal Speed
	151 – 160	CMY Fast Speed (default setting)
	161 – 170	Display OFF (default setting)
	171 – 180	Display ON
	181 – 190	Dimmer curve 1 (default setting)
	191 – 200	Dimmer curve 2
	201 – 210	Dimmer curve 3
211 – 220	Dimmer curve 4	
221 – 230	P/T Smooth Off	
231 – 240	P/T Smooth On (Default)	
241 – 255	Not used	
		<b>IMPORTANT:</b> The functions are activated/selected staying in the necessary range for 3 seconds

### IMPORTANT NOTE

To prevent accidental breakage of the effects, which could collide with each other's during transport, before switching the projector OFF, check that all the fixture Channels have been excluded (DMX level = 0 bit.).