

**Normal Mode - 23 DMX channels:**

Channel	Function	Time and Value	Percent	DMX
<b>1 Pan – Coarse/Low/8Bit</b>	Pan coarse	0° - 540°	0 – 100 %	0 - 255
<b>2 Pan – High/Fine/16Bit</b>	Pan Fine			
<b>3 Tilt – Low/Coarse/8Bit</b>	Tilt coarse	0° - 280°	0 – 100 %	0-255
<b>4 Tilt – High/Fine/16Bit</b>	Tilt fine			0 -255
<b>5 ColorWheel 1</b>	Fixed Color Wheel	Range Slot 01 – Open Slot 02 – Color 01 Slot 03 – Color 02 Slot 04 – Color 03 Slot 05 – Color 04 Slot 06 – Color 05 Slot 07 – Color 06 Slot 08 – Color 07 Slot 09 – Color 08 Slot 10 – Color 09 Slot 11 – Color 10 Slot 12 – Color 11	0 – 100	0..255 0-3 4-8 9-12 13-15 16-19 20-23 24-27 28-31 32-35 36-39 40-43 44-47
<b>6 Cyan</b>	Cyan Flag – subtractive Color Mixing		0 – 100 %	0 - 255
<b>7 Magenta</b>	Magenta Flag – subtractive Color Mixing		0 – 100 %	0 - 255
<b>8 Yellow</b>	Yellow Flag – subtractive Color Mixing		0 – 100 %	0..255
<b>9 Gobo Wheel 1</b>	Gobo Wheel 1	Slot 1 – Open Slot 2 – PickUp Sticks Slot 3 – Cut Circles Slot 4 – Distortion Slot 5 – Square Outline Slot 6 - Bars  Slot 7 – Linear 7 Slot 8 – Radial Lines Slot 9 - Spiral		0 – 255 0 – 28 29 – 57  58 – 86  87 – 115 116 – 144 145 - 173  174 - 202 203 – 229 230 – 255
<b>10 Gobo Wheel 1 Pos/Rot Coarse</b>	Coarse Indexing & Rotation of Gobo Wheel 1			0 – 255
<b>11 Gobo Wheel 1 Pos/Rot Fine</b>	Fine Indexing & Rotation of Gobo Wheel 1			0..255
<b>12 Fixed Gobo Wheel 2</b>	Fixed Gobo Wheel	Range: Slot 01 – Open	0–100%	0 – 255 0 – 3

		Slot 02 – Gobo 01 Slot 02 – Gobo 02 Slot 02 – Gobo 03 Slot 02 – Gobo 04 Slot 02 – Gobo 05 Slot 02 – Gobo 06 Slot 02 – Gobo 07 Slot 02 – Gobo 08 Slot 02 – Gobo 09 Slot 02 – Gobo 10 Slot 02 – Gobo 11 Slot 02 – Gobo 12 Slot 02 – Gobo 13 Slot 02 – Gobo 14 Slot 02 – Gobo 15 Slot 02 – Gobo 16 Slot 02 – Gobo 17 Slot 02 – Gobo 18 Slot 02 – Gobo 19  Rotation CCW from fast to slow Rotation Stop Rotation CW		4 – 7 8 – 11 12 – 15 16 - 19 20 - 23 24 – 27 28 – 31 32 – 35 36 – 39 40 – 43 44 – 47 48 – 51 52 – 55 56 – 59 60 – 63 64 – 68 69 – 71 72 – 75 76 – 79  80 – 167  168 169 – 255
<b>13 Shutter</b>	Shutter	Range: Closed Random Pulse from Slow to fast Open Pulse from Slow to fast Close Pulse from Slow to Fast Pulse from Slow to fast Strobe Effect Pause from Slow to Fast Strobe Effect from Slow to fast Shutter Open	0 – 100	0 – 255 0 – 15 16 - 47  48 – 79  80 – 111  112 - 143  144 – 199 200 – 239 240 – 255
<b>14 Dimmer</b> <sup>4)</sup>	Dimmer / 2 Dimming Curves available	0 – 100		0 – 255
<b>15 Focus Coarse/Low/8Bit</b>	Focus function	0 – 100		0..255
<b>16 Focus High/Fine/16Bit</b>				-
<b>17 Zoom</b> <sup>4)</sup>	Zoom function	Range: Zoom Wide to Near Beam Mode		0 – 255 0 – 234 235 - 255
<b>18 Frost</b>	Frost function	0 – 100		0..255
<b>19 Prism</b>	Prism with			0..255

<b>20 Prism Rotation</b>	Indexing and Rotating of the prism	Range Index 0° thru 360° Rotation CCW from Slow to fast Rotation Stop Rotation CW from Slow to Fast	0 – 100 0 – 50	0 – 255 0 – 127 128 – 191 192 193 – 255
<b>21 Effect Wheel</b>	Effect Wheel	0 - 100%		0..255
<b>22 Effect Wheel Rotation</b>		Range Rotation Stop Rotation CCW from Slow to fast Rotation Stop Rotation CW from Slow to Fast	0 – 100	0 – 255 0 1 - 127  128 129 - 255
<b>23 Control Channel</b>	Control (needs to be activated with Value 0 before using the Channel sets)	Range CMY New Curve CMY Old curve Reset Head only Lamp Off No function Lamp On Dim Curve Esoft Dim Curve Linear Pos Feedback Off Pos Feedback On DMX Hold Off DMX Hold On Zoom Invers Off Zoom Invers On Tilt Invers Off Tilt Invers On Pan Invers Off Pan Invers On Factory Defaults Fixture Reset	0 – 100	0 – 255 176 - 179 180 - 183 184 - 187 188 - 191 192 - 195 196 - 199 200 - 203 204 - 207 208 - 211 212 - 215 216 - 219 220 - 223 224 - 227 228 - 231 232 - 235 236 - 239 240 - 243 244 - 248 249 - 251 252 - 255