

v1.0.0 features & values subject to change without notice

*Rotation direction (Clockwise or Counterclockwise) of effects depends on orientation of the fixture head and Pan/Tilt settings

STANDARD MODE - 52CH				
Channel	Parameter	Value	Function	Default
1	Pan	0 - 255		128
2	Pan Fine (16-Bit)	0 - 255		0
3	Tilt	0 - 255		128
4	Tilt Fine (16-Bit)	0 - 255		0
5	Pan / Tilt Speed	0	Standard (default)	0
		1	Max Speed	
		2 - 255	Pan / Tilt Speed, fast to slow	
6	Control / Reset (3s Activation Delay)	0 - 5	(reserved)	0
		6 - 7	Standby Mode: ON	
		8 - 9	Standby Mode: OFF	
		10 - 19	Reserved	
		20 - 24	LCD ON	
		25 - 29	LCD OFF	
		30 - 31	Fans On During Black Out	
		32 - 33	Fans Off During Black Out	
		34 - 39	(reserved)	
		40 - 44	Pan / Tilt Mode: Speed	
		45 - 49	Pan / Tilt Mode: Time	
		50 - 54	Blackout During Movement: ON	
		55 - 59	Blackout During Movement: OFF	
		60 - 64	Blackout During Gobo Transition: ON	
		65 - 69	Blackout During Gobo Transition: OFF	
		70 - 74	Blackout During Color Transition: ON	
		75 - 79	Blackout During Color Transition: OFF	
		80 - 84	Fan Mode: Auto	
		85 - 89	Fan Mode: High	
		90 - 91	Fan Mode: Quiet	
		92 - 94	(reserved)	
		95 - 99	Dimmer Curve: Super Square Law	
		100 - 104	Focus Tracking: ON	
		105 - 109	Focus Tracking: OFF	
		110 - 114	Dimmer Curve: Square Law	
		115 - 119	Dimmer Curve: Linear	
		120 - 124	Parking Positon: ON	
		125 - 129	Parking Position: OFF	
		130 - 139	Reset; ALL (excl. Pan/Tilt)	
		140 - 149	Reset; Pan/Tilt	
		150 - 159	Reset; Color System	
		160 - 169	Reset; Gobo/Animation Wheel	
		170 - 179	(reserved)	
180 - 189	Reset; Zoom/Focus/Frost/Prism			
190 - 199	Reset; Iris / Framing System			
200 - 209	Reset; ALL (incl Pan/Tilt.)			
210 - 218	Gobo Indexing: Max Speed + Shortcut Enabled			
221 - 222	Gobo Indexing: Follow Speed and Direction			
223 - 224	Gobo Indexing: Max Speed, Follow Direction			
225 - 255	(reserved)			
		0 - 4	Open	

7	LED PWM Frequency	5 - 9	300 Hz	10
		10 - 14	600 Hz	
		15 - 19	1200 Hz	
		20 - 24	2400 Hz	
		25 - 255	(reserved)	
8	Reserved	0 - 255	(reserved)	0
9	Reserved	0 - 255	(reserved)	0
10	Color Wheel	Variable Positioning		0
		0 - 14	Open	
		15	Deep Red	
		30	Green	
		45	Deep Blue	
		60	Orange	
		75	Lime	
		80	CRI90	
		105	UV	
		120 - 140	Open	
		Fixed Positioning		
		141 - 145	Deep Red	
		146 - 150	Green	
		151 - 155	Deep Blue	
		156 - 160	Orange	
		161 - 165	Lime	
		166 - 170	CRI90	
		171 - 175	UV	
		176 - 185	Open	
186 - 211	Clockwise Rotation, fast to slow			
212 - 217	Stop			
218 - 243	Counter Clockwise Rotation, slow to fast			
244 - 255	Random Color Scroll, fast to slow			
11	Color Wheel 1 Index - Fine	0 - 255		0
12	Cyan	0 - 255	0 White - 255 Full Cyan	0
13	Magenta	0 - 255	0 White - 255 Full Magenta	0
14	Yellow	0 - 255	0 White - 255 Full Yellow	0
15	CTO	0 - 255	0 White - 255 Full CTO	0
16	MINTRA Minus Mint Adjustment	0	No Function	128
		1 - 127	Minus Mint	
		128	Uncorrected White	
		129 - 255	Plus Mint	
17	Virtual Color Wheel	0 - 255	Preselected CMY Colors	0
18	Color Effects Speed	0 - 255	Fast-to-Slow	0
19	CMY/CTO Transition Time	0 - 255	Fast-to-Slow	0
20	Prism/Zoom/Focus/Iris/Framing Transition Time	0 - 255	Fast-to-Slow	0
21	Animation Wheel	0 - 19	Open	0
		20 - 127	Variable Position into Light Path	
		128 - 255	Animation Wheel Macro Fx Fast-to-Slow	
22	Animation Wheel Rotation	0	No Rotation, default	0
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
		0 - 7	Open	
		8 - 9	Macro 1	
		10 - 11	Macro 2	
		12 - 13	Macro 3	

23	Animation Wheel Macro FX	<table border="1"> <tr><td>14 - 15</td><td>Macro 4</td></tr> <tr><td>16 - 17</td><td>Macro 5</td></tr> <tr><td>18 - 19</td><td>Macro 6</td></tr> <tr><td>20 - 21</td><td>Macro 7</td></tr> <tr><td>22 - 23</td><td>Macro 8</td></tr> <tr><td>24 - 25</td><td>Macro 9</td></tr> <tr><td>26 - 27</td><td>Macro 10</td></tr> <tr><td>28 - 255</td><td>(reserved)</td></tr> </table>	14 - 15	Macro 4	16 - 17	Macro 5	18 - 19	Macro 6	20 - 21	Macro 7	22 - 23	Macro 8	24 - 25	Macro 9	26 - 27	Macro 10	28 - 255	(reserved)	0																																																																										
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24	Rotating Gobo Wheel 1	<table border="1"> <tr><td colspan="2">Index Mode – Position set on Channel 25</td></tr> <tr><td>0 - 4</td><td>Open</td></tr> <tr><td>5 - 7</td><td>Gobo 1</td></tr> <tr><td>8 - 10</td><td>Gobo 2</td></tr> <tr><td>11 - 13</td><td>Gobo 3</td></tr> <tr><td>14 - 16</td><td>Gobo 4</td></tr> <tr><td>17 - 19</td><td>Gobo 5</td></tr> <tr><td>20 - 22</td><td>Gobo 6</td></tr> <tr><td>23 - 26</td><td>Gobo 7</td></tr> <tr><td>27 - 31</td><td>Gobo 8</td></tr> <tr><td colspan="2">Rotation Mode – Rotation set on Channel 25</td></tr> <tr><td>32 - 34</td><td>Gobo 1</td></tr> <tr><td>35 - 37</td><td>Gobo 2</td></tr> <tr><td>38 - 40</td><td>Gobo 3</td></tr> <tr><td>41 - 43</td><td>Gobo 4</td></tr> <tr><td>44 - 46</td><td>Gobo 5</td></tr> <tr><td>47 - 49</td><td>Gobo 6</td></tr> <tr><td>50 - 54</td><td>Gobo 7</td></tr> <tr><td>55 - 59</td><td>Gobo 8</td></tr> <tr><td colspan="2">Gobo Shake Index Mode – Index set on Channel 25</td></tr> <tr><td>60 - 68</td><td>Gobo 1</td></tr> <tr><td>69 - 77</td><td>Gobo 2</td></tr> <tr><td>78 - 86</td><td>Gobo 3</td></tr> <tr><td>87 - 95</td><td>Gobo 4</td></tr> <tr><td>92 - 99</td><td>Gobo 5</td></tr> <tr><td>100 - 107</td><td>Gobo 6</td></tr> <tr><td>108 - 115</td><td>Gobo 7</td></tr> <tr><td>116 - 123</td><td>Gobo 8</td></tr> <tr><td colspan="2">Gobo Shake Rotate Mode – Rotation set on Channel 25</td></tr> <tr><td>130 - 137</td><td>Gobo 1</td></tr> <tr><td>138 - 145</td><td>Gobo 2</td></tr> <tr><td>146 - 153</td><td>Gobo 3</td></tr> <tr><td>154 - 161</td><td>Gobo 4</td></tr> <tr><td>162 - 169</td><td>Gobo 5</td></tr> <tr><td>170 - 177</td><td>Gobo 6</td></tr> <tr><td>178 - 185</td><td>Gobo 7</td></tr> <tr><td>186 - 193</td><td>Gobo 8</td></tr> <tr><td>194 - 201</td><td>Open</td></tr> <tr><td>202 - 222</td><td>Clockwise Rotation, fast to slow</td></tr> <tr><td>223 - 243</td><td>Counter Clockwise Rotation, slow to fast</td></tr> <tr><td>244 - 249</td><td>(reserved)</td></tr> <tr><td>250 - 255</td><td>Random Gobo Scroll, fast to slow</td></tr> <tr><td colspan="2">Gobo Index Modes - Set on Channel 24</td></tr> <tr><td>0 - 255</td><td>Gobo Indexing</td></tr> <tr><td colspan="2">Gobo Rotation Modes - Set on Channel 24</td></tr> </table>	Index Mode – Position set on Channel 25		0 - 4	Open	5 - 7	Gobo 1	8 - 10	Gobo 2	11 - 13	Gobo 3	14 - 16	Gobo 4	17 - 19	Gobo 5	20 - 22	Gobo 6	23 - 26	Gobo 7	27 - 31	Gobo 8	Rotation Mode – Rotation set on Channel 25		32 - 34	Gobo 1	35 - 37	Gobo 2	38 - 40	Gobo 3	41 - 43	Gobo 4	44 - 46	Gobo 5	47 - 49	Gobo 6	50 - 54	Gobo 7	55 - 59	Gobo 8	Gobo Shake Index Mode – Index set on Channel 25		60 - 68	Gobo 1	69 - 77	Gobo 2	78 - 86	Gobo 3	87 - 95	Gobo 4	92 - 99	Gobo 5	100 - 107	Gobo 6	108 - 115	Gobo 7	116 - 123	Gobo 8	Gobo Shake Rotate Mode – Rotation set on Channel 25		130 - 137	Gobo 1	138 - 145	Gobo 2	146 - 153	Gobo 3	154 - 161	Gobo 4	162 - 169	Gobo 5	170 - 177	Gobo 6	178 - 185	Gobo 7	186 - 193	Gobo 8	194 - 201	Open	202 - 222	Clockwise Rotation, fast to slow	223 - 243	Counter Clockwise Rotation, slow to fast	244 - 249	(reserved)	250 - 255	Random Gobo Scroll, fast to slow	Gobo Index Modes - Set on Channel 24		0 - 255	Gobo Indexing	Gobo Rotation Modes - Set on Channel 24		0
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25	Rotating Gobo 1 Index / Rotation	0	No Effect, default	0
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
26	Gobo Wheel 1 Index/Rotation Fine	0 - 255		0
27	Static Gobo Wheel 2	0 - 6	Open	0
		7 - 10	Gobo 1 – Beam Reducer / Prism Focus	
		11 - 14	Gobo 2	
		15 - 18	Gobo 3	
		19 - 22	Gobo 4	
		23 - 26	Gobo 5	
		27 - 30	Gobo 6	
		31 - 34	Gobo 7	
		35 - 38	Gobo 8	
		39 - 42	Gobo 9	
		43 - 62	Gobo 1 Shake Slow-to-Fast	
		63 - 82	Gobo 2 Shake Slow-to-Fast	
		83 - 102	Gobo 3 Shake Slow-to-Fast	
		103 - 122	Gobo 4 Shake Slow-to-Fast	
		123 - 142	Gobo 5 Shake Slow-to-Fast	
		143 - 162	Gobo 6 Shake Slow-to-Fast	
		163 - 182	Gobo 7 Shake Slow-to-Fast	
		183 - 202	Gobo 8 Shake Slow-to-Fast	
		203 - 222	Open	
28	Prism Wheel 1	0 - 3	Open (Default 0)	0
		Index Mode - Set on Channel 29		
		4 - 7	Prism 1	
		8 - 11	Prism 2	
		12 - 15	Prism 3	
		Rotate Mode - Set on Channel 29		
		16 - 19	Prism 1	
		20 - 23	Prism 2	
		24 - 27	Prism 3	
		28 - 255	(reserved)	
29	Prism Wheel 1 Index / Rotation	Prism Index Modes - Set on Channel 28		0
		0 - 255	Gobo Indexing	
		Prism Rotation Modes - Set on Channel 28		
		0	No Effect, default	
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
30	Prism Wheel 2	0 - 3	Open (Default 0)	0
		Index Mode - Set on Channel 29		
		4 - 7	Prism 1	
		8 - 11	Prism 2	
		12 - 15	Prism 3	
		Rotate Mode - Set on Channel 29		
		16 - 19	Prism 1	
		20 - 23	Prism 2	
		24 - 27	Prism 3	
		28 - 255	(reserved)	
		Prism Index Modes - Set on Channel 28		
		0 - 255	Gobo Indexing	
		Prism Rotation Modes - Set on Channel 28		

31	Prism Wheel 2 Index / Rotation	0	No Effect, default	0
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
32	FX Module Animation Macros	0 - 3	No Effect, default	0
		4 - 5	Static Macro 1	
		6 - 7	Static Macro 2	
		8 - 9	Static Macro 3	
		10 - 11	Static Macro 4	
		12 - 13	Static Macro 5	
		14 - 15	Static Macro 6	
		16 - 17	Static Macro 7	
		18 - 19	Static Macro 8	
		20 - 21	Static Macro 9	
		22 - 23	Static Macro 10	
		24 - 25	Static Macro 11	
		26 - 27	Static Macro 12	
		28 - 29	Rotating Macro 1	
		30 - 31	Rotating Macro 2	
		32 - 33	Rotating Macro 3	
		34 - 35	Rotating Macro 4	
		36 - 37	Rotating Macro 5	
		38 - 39	Rotating Macro 6	
		40 - 41	Rotating Macro 7	
		42 - 43	Rotating Macro 8	
		44 - 45	Rotating Macro 9	
		46 - 47	Rotating Macro 10	
		48 - 49	Rotating Macro 11	
		50 - 51	Rotating Macro 12	
		52 - 53	Rotating Macro 13	
		54 - 55	Rotating Macro 14	
		56 - 57	Rotating Macro 15	
		58 - 59	Rotating Macro 16	
		60 - 61	Rotating Macro 17	
		62 - 63	Rotating Macro 18	
		64 - 65	Rotating Macro 19	
		66 - 67	Rotating Macro 20	
		68 - 255	(reserved)	
33	Animation Macro Index / Rotation	Index Modes - Set on Channel 32		0
		0 - 255	Gobo Indexing	
		Rotation Modes - Set on Channel 32		
		0	No Effect, default	
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
34	Frost	0	Open	0
		1 - 50	Light Frost 0 - 100%	
		51 - 53	Light Frost Full	
		54 - 63	Light Frost Pulse Close FX, slow to fast	
		64 - 73	Light Frost Pulse Open FX, fast to slow	
		74 - 83	Light Frost Ramp, fast to slow	
		84 - 86	Open	
		87 - 136	Medium Frost 0 - 100%	
		137 - 139	Medium Frost Full	
		140 - 149	Medium Frost Pulse Close FX, slow to fast	
		150 - 159	Medium Frost Pulse Open FX, fast to slow	
		160 - 169	Medium Frost Ramp, fast to slow	
		170 - 255	Open	
		0	No Effect, default	
		1 - 179	Big to Small	
		180 - 191	Fully Closed	

35	Iris	192 - 219	Iris Macro 1, Pulse Open, slow to fast	0
		220 - 247	Iris Macro 2, Pulse Close, fast to slow	
		248 - 249	Iris Macro 3, Open/Close Pulse, slow to fast	
		250 - 255	(reserved)	
36	Iris Fine (16-Bit)	0 - 255		0
37	Zoom	0 - 25	Narrow, Long-Throw Focusing (Focus Channels Disabled)	0
		26 - 255	Narrow-to-Wide	
38	Zoom Fine (16-Bit)	0 - 255		0
39	Focus	0 - 255		0
40	Focus Fine (16-Bit)	0 - 255		0
41	Framing Shutter Assembly Rotation	0 - 127	Clockwise 0 - 60°	0
		128	Center (default)	
		129 - 255	Counter Clockwise 0 - 60°	
42	Framing Shutter 1 Insertion	0 - 255	Outward to Full Inward	0
43	Framing Shutter 1 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
44	Framing Shutter 2 Insertion	0 - 255	Outward to Full Inward	
45	Framing Shutter 2 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
46	Framing Shutter 3 Insertion	0 - 255	Outward to Full Inward	
47	Framing Shutter 3 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
48	Framing Shutter 4 Insertion	0 - 255	Outward to Full Inward	
49	Framing Shutter 4 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
50	Shutter / Strobe	0 - 31	Closed	32
		32 - 63	Open (Default 32)	
		64 - 95	Strobe, slow to fast	
		96 - 127	Open	
		128 - 143	Pulse Open, slow to fast	
		144 - 159	Pulse Close, fast to slow	
		160 - 191	Open	
		192 - 223	Random Strobe, slow to fast	
224 - 255	Open			
51	Dimmer	0 - 255		0
52	Dimmer Fine (16-bit)	0 - 255		0

v1.0.0 features & values subject to change without notice

*Rotation direction (Clockwise or Counterclockwise) of effects depends on orientation of the fixture head and Pan/Tilt settings

REDUCED MODE - 46CH				
Channel	Parameter	Value	Function	Default
1	Pan	0 - 255		128
2	Pan Fine (16-Bit)	0 - 255		0
3	Tilt	0 - 255		128
4	Tilt Fine (16-Bit)	0 - 255		0
5	Pan / Tilt Speed	0	Standard (default)	0
		1	Max Speed	
		2 - 255	Pan / Tilt Speed, fast to slow	
6	Control / Reset (3s Activation Delay)	0 - 5	(reserved)	0
		6 - 7	Standby Mode: ON	
		8 - 9	Standby Mode: OFF	
		10 - 19	Reserved	
		20 - 24	LCD ON	
		25 - 29	LCD OFF	
		30 - 31	Fans On During Black Out	
		32 - 33	Fans Off During Black Out	
		34 - 39	(reserved)	
		40 - 44	Pan / Tilt Mode: Speed	
		45 - 49	Pan / Tilt Mode: Time	
		50 - 54	Blackout During Movement: ON	
		55 - 59	Blackout During Movement: OFF	
		60 - 64	Blackout During Gobo Transition: ON	
		65 - 69	Blackout During Gobo Transition: OFF	
		70 - 74	Blackout During Color Transition: ON	
		75 - 79	Blackout During Color Transition: OFF	
		80 - 84	Fan Mode: Auto	
		85 - 89	Fan Mode: High	
		90 - 91	Fan Mode: Quiet	
		92 - 94	(reserved)	
		95 - 99	Dimmer Curve: Super Square Law	
		100 - 104	Focus Tracking: ON	
		105 - 109	Focus Tracking: OFF	
		110 - 114	Dimmer Curve: Square Law	
		115 - 119	Dimmer Curve: Linear	
		120 - 124	Parking Positon: ON	
		125 - 129	Parking Position: OFF	
		130 - 139	Reset; ALL (excl. Pan/Tilt)	
		140 - 149	Reset; Pan/Tilt	
		150 - 159	Reset; Color System	
		160 - 169	Reset; Gobo/Animation Wheel	
		170 - 179	(reserved)	
180 - 189	Reset; Zoom/Focus/Frost/Prism			
190 - 199	Reset; Iris / Framing System			
200 - 209	Reset; ALL (incl Pan/Tilt.)			
210 - 218	Gobo Indexing: Max Speed + Shortcut Enabled			
221 - 222	Gobo Indexing: Follow Speed and Direction			
223 - 224	Gobo Indexing: Max Speed, Follow Direction			
225 - 255	(reserved)			
		0 - 4	Open	

7	LED PWM Frequency	5 - 9	300 Hz	10
		10 - 14	600 Hz	
		15 - 19	1200 Hz	
		20 - 24	2400 Hz	
		25 - 255	(reserved)	
8	Reserved	0 - 255	(reserved)	0
9	Reserved	0 - 255	(reserved)	0
10	Color Wheel	Variable Positioning		0
		0 - 14	Open	
		15	Deep Red	
		30	Green	
		45	Deep Blue	
		60	Orange	
		75	Lime	
		80	CRI90	
		105	UV	
		120 - 140	Open	
		Fixed Positioning		
		141 - 145	Deep Red	
		146 - 150	Green	
		151 - 155	Deep Blue	
		156 - 160	Orange	
		161 - 165	Lime	
		166 - 170	CRI90	
		171 - 175	UV	
		176 - 185	Open	
186 - 211	Clockwise Rotation, fast to slow			
212 - 217	Stop			
218 - 243	Counter Clockwise Rotation, slow to fast			
244 - 255	Random Color Scroll, fast to slow			
11	Cyan	0 - 255	0 White - 255 Full Cyan	0
12	Magenta	0 - 255	0 White - 255 Full Magenta	0
13	Yellow	0 - 255	0 White - 255 Full Yellow	0
14	CTO	0 - 255	0 White - 255 Full CTO	0
15	MINTRA Minus Mint Adjustment	0	No Function	0
		1 - 127	Minus Mint	
		128	Uncorrected White	
		129 - 255	Plus Mint	
16	Virtual Color Wheel	0 - 255	Preselected CMY Colors	0
17	Color Effects Speed	0 - 255	Fast-to-Slow	0
18	CMY/CTO Transition Time	0 - 255	Fast-to-Slow	0
19	Prism/Zoom/Focus/Iris/Framing Transition Time	0 - 255	Fast-to-Slow	0
20	Animation Wheel	0 - 19	Open	0
		20 - 127	Variable Position into Light Path	
		128 - 255	Animation Wheel Macro Fx Fast-to-Slow	
21	Animation Wheel Rotation	0	No Rotation, default	0
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
		0 - 7	Open	
		8 - 9	Macro 1	
		10 - 11	Macro 2	
		12 - 13	Macro 3	
		14 - 15	Macro 4	

22	Animation Wheel Macro FX	<table border="1"> <tr><td>16 - 17</td><td>Macro 5</td></tr> <tr><td>18 - 19</td><td>Macro 6</td></tr> <tr><td>20 - 21</td><td>Macro 7</td></tr> <tr><td>22 - 23</td><td>Macro 8</td></tr> <tr><td>24 - 25</td><td>Macro 9</td></tr> <tr><td>26 - 27</td><td>Macro 10</td></tr> <tr><td>28 - 255</td><td>(reserved)</td></tr> </table>	16 - 17	Macro 5	18 - 19	Macro 6	20 - 21	Macro 7	22 - 23	Macro 8	24 - 25	Macro 9	26 - 27	Macro 10	28 - 255	(reserved)	0																																																																						
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23	Rotating Gobo Wheel 1	<table border="1"> <tr><td colspan="2">Index Mode – Position set on Channel 25</td></tr> <tr><td>0 - 4</td><td>Open</td></tr> <tr><td>5 - 7</td><td>Gobo 1</td></tr> <tr><td>8 - 10</td><td>Gobo 2</td></tr> <tr><td>11 - 13</td><td>Gobo 3</td></tr> <tr><td>14 - 16</td><td>Gobo 4</td></tr> <tr><td>17 - 19</td><td>Gobo 5</td></tr> <tr><td>20 - 22</td><td>Gobo 6</td></tr> <tr><td>23 - 26</td><td>Gobo 7</td></tr> <tr><td>27 - 31</td><td>Gobo 8</td></tr> <tr><td colspan="2">Rotation Mode – Rotation set on Channel 25</td></tr> <tr><td>32 - 34</td><td>Gobo 1</td></tr> <tr><td>35 - 37</td><td>Gobo 2</td></tr> <tr><td>38 - 40</td><td>Gobo 3</td></tr> <tr><td>41 - 43</td><td>Gobo 4</td></tr> <tr><td>44 - 46</td><td>Gobo 5</td></tr> <tr><td>47 - 49</td><td>Gobo 6</td></tr> <tr><td>50 - 54</td><td>Gobo 7</td></tr> <tr><td>55 - 59</td><td>Gobo 8</td></tr> <tr><td colspan="2">Gobo Shake Index Mode – Index set on Channel 25</td></tr> <tr><td>60 - 68</td><td>Gobo 1</td></tr> <tr><td>69 - 77</td><td>Gobo 2</td></tr> <tr><td>78 - 86</td><td>Gobo 3</td></tr> <tr><td>87 - 95</td><td>Gobo 4</td></tr> <tr><td>92 - 99</td><td>Gobo 5</td></tr> <tr><td>100 - 107</td><td>Gobo 6</td></tr> <tr><td>108 - 115</td><td>Gobo 7</td></tr> <tr><td>116 - 123</td><td>Gobo 8</td></tr> <tr><td colspan="2">Gobo Shake Rotate Mode – Rotation set on Channel 25</td></tr> <tr><td>130 - 137</td><td>Gobo 1</td></tr> <tr><td>138 - 145</td><td>Gobo 2</td></tr> <tr><td>146 - 153</td><td>Gobo 3</td></tr> <tr><td>154 - 161</td><td>Gobo 4</td></tr> <tr><td>162 - 169</td><td>Gobo 5</td></tr> <tr><td>170 - 177</td><td>Gobo 6</td></tr> <tr><td>178 - 185</td><td>Gobo 7</td></tr> <tr><td>186 - 193</td><td>Gobo 8</td></tr> <tr><td>194 - 201</td><td>Open</td></tr> <tr><td>202 - 222</td><td>Clockwise Rotation, fast to slow</td></tr> <tr><td>223 - 243</td><td>Counter Clockwise Rotation, slow to fast</td></tr> <tr><td>244 - 249</td><td>(reserved)</td></tr> <tr><td>250 - 255</td><td>Random Gobo Scroll, fast to slow</td></tr> </table>	Index Mode – Position set on Channel 25		0 - 4	Open	5 - 7	Gobo 1	8 - 10	Gobo 2	11 - 13	Gobo 3	14 - 16	Gobo 4	17 - 19	Gobo 5	20 - 22	Gobo 6	23 - 26	Gobo 7	27 - 31	Gobo 8	Rotation Mode – Rotation set on Channel 25		32 - 34	Gobo 1	35 - 37	Gobo 2	38 - 40	Gobo 3	41 - 43	Gobo 4	44 - 46	Gobo 5	47 - 49	Gobo 6	50 - 54	Gobo 7	55 - 59	Gobo 8	Gobo Shake Index Mode – Index set on Channel 25		60 - 68	Gobo 1	69 - 77	Gobo 2	78 - 86	Gobo 3	87 - 95	Gobo 4	92 - 99	Gobo 5	100 - 107	Gobo 6	108 - 115	Gobo 7	116 - 123	Gobo 8	Gobo Shake Rotate Mode – Rotation set on Channel 25		130 - 137	Gobo 1	138 - 145	Gobo 2	146 - 153	Gobo 3	154 - 161	Gobo 4	162 - 169	Gobo 5	170 - 177	Gobo 6	178 - 185	Gobo 7	186 - 193	Gobo 8	194 - 201	Open	202 - 222	Clockwise Rotation, fast to slow	223 - 243	Counter Clockwise Rotation, slow to fast	244 - 249	(reserved)	250 - 255	Random Gobo Scroll, fast to slow	0
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24	Rotating Gobo 1 Index / Rotation	<table border="1"> <tr><td colspan="2">Gobo Index Modes - Set on Channel 24</td></tr> <tr><td>0 - 255</td><td>Gobo Indexing</td></tr> <tr><td colspan="2">Gobo Rotation Modes - Set on Channel 24</td></tr> <tr><td>0</td><td>No Effect, default</td></tr> </table>	Gobo Index Modes - Set on Channel 24		0 - 255	Gobo Indexing	Gobo Rotation Modes - Set on Channel 24		0	No Effect, default	0																																																																												
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		1 - 127	Clockwise Rotation, fast to slow			
		128	Stop			
		129 - 255	Counter Clockwise Rotation, slow to fast			
25	Static Gobo Wheel 2	0 - 6	Open	0		
		7 - 10	Gobo 1 – Beam Reducer / Prism Focus			
		11 - 14	Gobo 2			
		15 - 18	Gobo 3			
		19 - 22	Gobo 4			
		23 - 26	Gobo 5			
		27 - 30	Gobo 6			
		31 - 34	Gobo 7			
		35 - 38	Gobo 8			
		39 - 42	Gobo 9			
		43 - 62	Gobo 1 Shake Slow-to-Fast			
		63 - 82	Gobo 2 Shake Slow-to-Fast			
		83 - 102	Gobo 3 Shake Slow-to-Fast			
		103 - 122	Gobo 4 Shake Slow-to-Fast			
		123 - 142	Gobo 5 Shake Slow-to-Fast			
		143 - 162	Gobo 6 Shake Slow-to-Fast			
		163 - 182	Gobo 7 Shake Slow-to-Fast			
		183 - 202	Gobo 8 Shake Slow-to-Fast			
		203 - 222	Open			
					223 - 237	Clockwise Rotation, fast to slow
					241 - 255	Counter Clockwise Rotation, slow to fast
26	Prism Wheel 1	0 - 3	Open (Default 0)	0		
		Index Mode - Set on Channel 29				
		4 - 7	Prism 1			
		8 - 11	Prism 2			
		12 - 15	Prism 3			
		Rotate Mode - Set on Channel 29				
		16 - 19	Prism 1			
		20 - 23	Prism 2			
		24 - 27	Prism 3			
		28 - 255	(reserved)			
27	Prism Wheel 1 Index / Rotation	Prism Index Modes - Set on Channel 28		0		
		0 - 255	Gobo Indexing			
		Prism Rotation Modes - Set on Channel 28				
		0	No Effect, default			
		1 - 127	Clockwise Rotation, fast to slow			
		128	Stop			
		129 - 255	Counter Clockwise Rotation, slow to fast			
28	Prism Wheel 2	0 - 3	Open (Default 0)	0		
		Index Mode - Set on Channel 29				
		4 - 7	Prism 1			
		8 - 11	Prism 2			
		12 - 15	Prism 3			
		Rotate Mode - Set on Channel 29				
		16 - 19	Prism 1			
		20 - 23	Prism 2			
		24 - 27	Prism 3			
		28 - 255	(reserved)			
29	Prism Wheel 2 Index / Rotation	Prism Index Modes - Set on Channel 28		0		
		0 - 255	Gobo Indexing			
		Prism Rotation Modes - Set on Channel 28				
		0	No Effect, default			
		1 - 127	Clockwise Rotation, fast to slow			

		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
30	FX Module Animation Macros	0 - 3	No Effect, default	0
		4 - 5	Static Macro 1	
		6 - 7	Static Macro 2	
		8 - 9	Static Macro 3	
		10 - 11	Static Macro 4	
		12 - 13	Static Macro 5	
		14 - 15	Static Macro 6	
		16 - 17	Static Macro 7	
		18 - 19	Static Macro 8	
		20 - 21	Static Macro 9	
		22 - 23	Static Macro 10	
		24 - 25	Static Macro 11	
		26 - 27	Static Macro 12	
		28 - 29	Rotating Macro 1	
		30 - 31	Rotating Macro 2	
		32 - 33	Rotating Macro 3	
		34 - 35	Rotating Macro 4	
		36 - 37	Rotating Macro 5	
		38 - 39	Rotating Macro 6	
		40 - 41	Rotating Macro 7	
		42 - 43	Rotating Macro 8	
		44 - 45	Rotating Macro 9	
		46 - 47	Rotating Macro 10	
		48 - 49	Rotating Macro 11	
		50 - 51	Rotating Macro 12	
		52 - 53	Rotating Macro 13	
		54 - 55	Rotating Macro 14	
		56 - 57	Rotating Macro 15	
		58 - 59	Rotating Macro 16	
		60 - 61	Rotating Macro 17	
		62 - 63	Rotating Macro 18	
		64 - 65	Rotating Macro 19	
		66 - 67	Rotating Macro 20	
68 - 255	(reserved)			
31	Animation Macro Index / Rotation	Index Modes - Set on Channel 32		0
		0 - 255	Gobo Indexing	
		Rotation Modes - Set on Channel 32		
		0	No Effect, default	
		1 - 127	Clockwise Rotation, fast to slow	
		128	Stop	
		129 - 255	Counter Clockwise Rotation, slow to fast	
32	Frost	0	Open	0
		1 - 50	Light Frost 0 - 100%	
		51 - 53	Light Frost Full	
		54 - 63	Light Frost Pulse Close FX, slow to fast	
		64 - 73	Light Frost Pulse Open FX, fast to slow	
		74 - 83	Light Frost Ramp, fast to slow	
		84 - 86	Open	
		87 - 136	Medium Frost 0 - 100%	
		137 - 139	Medium Frost Full	
		140 - 149	Medium Frost Pulse Close FX, slow to fast	
		150 - 159	Medium Frost Pulse Open FX, fast to slow	
160 - 169	Medium Frost Ramp, fast to slow			
170 - 255	Open			
33	Iris	0	No Effect, default	0
		1 - 179	Big to Small	
		180 - 191	Fully Closed	
		192 - 219	Iris Macro 1, Pulse Open, slow to fast	
		220 - 247	Iris Macro 2, Pulse Close, fast to slow	

		248 - 249	Iris Macro 3, Open/Close Pulse, slow to fast	
		250 - 255	(reserved)	
34	Zoom	0 - 25	Narrow, Long-Throw Focusing (Focus Channels Disabled)	0
		26 - 255	Narrow-to-Wide	
35	Focus	0 - 255		0
36	Framing Shutter Assembly Rotation	0 - 127	Clockwise 0 - 60°	0
		128	Center (default)	
		129 - 255	Counter Clockwise 0 - 60°	
37	Framing Shutter 1 Insertion	0 - 255	Outward to Full Inward	
38	Framing Shutter 1 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
39	Framing Shutter 2 Insertion	0 - 255	Outward to Full Inward	
40	Framing Shutter 2 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
41	Framing Shutter 3 Insertion	0 - 255	Outward to Full Inward	0
42	Framing Shutter 3 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
43	Framing Shutter 4 Insertion	0 - 255	Outward to Full Inward	
44	Framing Shutter 4 Swivel	0 - 127	-30 Degrees to Center	
		128	Center (default)	
		129 - 255	0 to 30 Degrees	
45	Shutter / Strobe	0 - 31	Closed	32
		32 - 63	Open (Default 32)	
		64 - 95	Strobe, slow to fast	
		96 - 127	Open	
		128 - 143	Pulse Open, slow to fast	
		144 - 159	Pulse Close, fast to slow	
		160 - 191	Open	
		192 - 223	Random Strobe, slow to fast	
		224 - 255	Open	
46	Dimmer	0 - 255		0