

ADJ HYDRO HYBRID - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
24Ch	27Ch	32Ch		
1	1	1		Pan
			000 - 255	Pan Movement (540 / 630)
	2	2		Pan Fine
			000 - 255	Pan Fine
2	3	3		Tilt
			000 - 255	Tilt Movement (270)
	4	4		Tilt Fine
			000 - 255	Tilt Fine
3	5	5		Cyan
			000 - 255	0% to 100%
		6		Cyan Fine
			000 - 255	0% to 100%
4	6	7		Magenta
			000 - 255	0% to 100%
		8		Magenta Fine
			000 - 255	0% to 100%
5	7	9		Yellow
			000 - 255	0% to 100%
		10		Yellow Fine
			000 - 255	0% to 100%
6	8	11		Color
			000 - 004	Color (open)
			005 - 009	Red
			010 - 014	Blue
			015 - 019	Green
			020 - 024	Amber
			025 - 029	Orange
			030 - 034	Mint
			035 - 039	Pink
			040 - 044	Lavender
			045 - 049	Fuchsia
			050 - 054	UV
			055 - 059	2700K
			060 - 064	3200K
			065 - 069	4000K
			070 - 074	Open
			075 - 079	Open - Red
			080 - 084	Red
085 - 089	Red - Blue			
090 - 094	Blue			
095 - 099	Blue - Green			

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CHANNEL			DMX VALUES	FUNCTION
24Ch	27Ch	32Ch		
6	8	11		<i>Color (continued)</i>
			100 - 104	Green
			105 - 109	Green - Amber
			110 - 114	Amber
			115 - 119	Amber - Orange
			120 - 124	Orange
			125 - 129	Orange - Mint
			130 - 134	Mint
			135 - 139	Mint - Pink
			140 - 144	Pink
			145 - 149	Pink - Lavender
			150 - 154	Lavender
			155 - 159	Lavender - Fuchsia
			160 - 164	Fuchsia
			165 - 169	Fuchsia - UV
			170 - 174	UV
			175 - 179	UV - 2700K
			180 - 184	2700K
			185 - 189	2700K - 3200K
			190 - 194	3200K
			195 - 199	3200K - 4000K
			200 - 204	4000K
			205 - 209	4000K - Open
210 - 212	Open			
213 - 232	Color Wheel Clockwise Rotation, fast to slow			
233 - 235	Color Wheel Stop Rotation			
236 - 255	Color Wheel Counter-Clockwise Rotation, slow to fast			
7	9	12		<i>Color Macros - CMY and Color Wheel</i>
			000 - 031	Off
			032 - 039	Macro1
			040 - 047	Macro2
			048 - 055	Macro3
			056 - 063	Macro4
			064 - 071	Macro5
			072 - 079	Macro6
			080 - 087	Macro7
			088 - 095	Macro8
			096 - 103	Macro9
			104 - 111	Macro10
			112 - 119	Macro11
120 - 127	Macro12			

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CHANNEL			DMX VALUES	FUNCTION
24Ch	27Ch	32Ch		
7	9	12		<i>Color Macros - CMY and Color Wheel (continued)</i>
			128 - 135	Macro13
			136 - 143	Macro14
			144 - 151	Macro15
			152 - 159	Macro16
			160 - 167	Macro17
			168 - 175	Macro18
			176 - 183	Macro19
			184 - 191	Macro20
			192 - 199	Macro21
			200 - 207	Macro22
			208 - 215	Macro23
			216 - 223	Macro24
			224 - 231	Macro25
			232 - 239	Macro26
240 - 247	Macro27			
	248 - 255	Random CMY		
8	10	13		<i>Gobo Wheel 1</i>
			000 - 002	Beam Mode
			003 - 005	Spot Mode
			006 - 015	Gobo 1
			016 - 025	Gobo 2
			026 - 035	Gobo 3
			036 - 045	Gobo 4
			046 - 055	Gobo 5
			056 - 065	Gobo 6
			066 - 075	Gobo 7
			076 - 085	Gobo 8
			086 - 095	Gobo 9
			096 - 105	Gobo 1 Shake, slow to fast
			106 - 115	Gobo 2 Shake, slow to fast
			116 - 125	Gobo 3 Shake, slow to fast
			126 - 135	Gobo 4 Shake, slow to fast
			136 - 145	Gobo 5 Shake, slow to fast
			146 - 155	Gobo 6 Shake, slow to fast
			156 - 165	Gobo 7 Shake, slow to fast
			166 - 175	Gobo 8 Shake, slow to fast
176 - 190	Gobo 9 Shake, slow to fast			
	191 - 192	Open		

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CHANNEL			DMX VALUES	FUNCTION
24Ch	27Ch	32Ch		
8	10	13		<i>Gobo Wheel 1 (continued)</i>
			193 - 223	Gobo Wheel Clockwise Rotation, slow to fast
			224	Gobo Wheel Stop Rotation
			225 - 255	Gobo Wheel Counter-Clockwise Rotation, fast to slow
9	11	14		<i>Gobo 1 Rotation</i>
			000 - 005	Gobo 1 Rotation Off
			006 - 128	Gobo Position, 0° to 540°
			129 - 191	Gobo Clockwise Rotation, slow to fast
			192	Gobo Stop Rotation
	193 - 255	Gobo Counter-Clockwise Rotation, fast to slow		
10	12	15		<i>Gobo Wheel 2 (Static)</i>
			000 - 002	Open
			003 - 011	Gobo 1
			012 - 020	Gobo 2
			021 - 029	Gobo 3
			030 - 038	Gobo 4
			039 - 047	Gobo 5
			048 - 056	Gobo 6
			057 - 065	Gobo 7
			066 - 074	Gobo 8
			075 - 083	Gobo 9
			084 - 092	Gobo 10
			093 - 101	Gobo 11
			102 - 110	Gobo 12
			111 - 119	Gobo 13
			120 - 128	Gobo 14
			129 - 131	Open
			132 - 135	Gobo 1 Shake, slow to fast
			136 - 139	Gobo 2 Shake, slow to fast
			140 - 143	Gobo 3 Shake, slow to fast
			144 - 147	Gobo 4 Shake, slow to fast
			148 - 151	Gobo 5 Shake, slow to fast
			152 - 155	Gobo 6 Shake, slow to fast
			156 - 159	Gobo 7 Shake, slow to fast
160 - 163	Gobo 8 Shake, slow to fast			
164 - 167	Gobo 9 Shake, slow to fast			
168 - 171	Gobo 10 Shake, slow to fast			
172 - 175	Gobo 11 Shake, slow to fast			
176 - 179	Gobo 12 Shake, slow to fast			
180 - 183	Gobo 13 Shake, slow to fast			
184 - 187	Gobo 14 Shake, slow to fast			

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CHANNEL			DMX VALUES	FUNCTION
24Ch	27Ch	32Ch		
10	12	15		<i>Gobo Wheel 2 (Static) (continued)</i>
			188 - 191	Open
			192 - 223	Gobo Wheel Clockwise Rotation, slow to fast
			224	Gobo Wheel Stop Rotation
			225 - 255	Gobo Wheel Counter-Clockwise Rotation, fast to slow
11	13	16		<i>Shutter</i>
			000 - 031	Shutter Closed
			032 - 063	Shutter Open
			064 - 095	Slow to Fast Strobe
			096 - 127	No Action, Shutter Open
			128 - 159	Slow to Fast Pulse Effect
			160 - 191	No Action, Shutter Open
			192 - 223	Slow to Fast Random Strobe
224 - 255	No Action, Shutter Open			
12	14	17		<i>Dimmer</i>
			000 - 255	Dimmer Intensity, 0% to 100%
	15	18		<i>Dimmer Fine</i>
			000 - 255	Dimmer Intensity Fine
13	16	19		<i>Prism 1</i>
			000 - 005	No Prism
			005 - 255	Prism On
14	17	20		<i>Prism 1 Rotation</i>
			000 - 005	Prism 1 Rotation Off
			006 - 128	Prism 1 Position, 0° to 540°
			129 - 191	Prism 1 Clockwise Rotation, slow to fast
			192	Prism 1 Stop Rotation
193 - 255	Prism 1 Counter-Clockwise Rotation, fast to slow			
15	18	21		<i>Prism 2</i>
			000 - 005	No Prism
			006 - 255	Prism On
16	19	22		<i>Prism 2 Rotation</i>
			000 - 005	Prism 2 Rotation Off
			006 - 128	Prism 2 Position, 0° to 540°
			129 - 191	Prism 2 Clockwise Rotation, slow to fast
			192	Prism 2 Stop Rotation
193 - 255	Prism 2 Counter-Clockwise Rotation, fast to slow			

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24Ch	27Ch	32Ch		
17	20	23		<i>Prism / Gobo Macros</i>
			000 - 014	No Prism - Open
			015 - 029	Macro 1
			030 - 044	Macro 2
			045 - 059	Macro 3
			060 - 074	Macro 4
			075 - 089	Macro 5
			090 - 104	Macro 6
			105 - 119	Macro 7
			120 - 134	Macro 8
			135 - 149	Macro 9
			150 - 164	Macro 10
			165 - 179	Macro 11
			180 - 194	Macro 12
			195 - 209	Macro 13
			210 - 224	Macro 14
225 - 239	Macro 15			
240 - 255	Macro 16			
18	21	24		<i>Focus</i>
			000 - 255	0% to 100%
		25		<i>Focus Fine</i>
			000 - 255	0% to 100%
19	22	26		<i>Zoom</i>
			000 - 255	Narrow to Wide
		27		<i>Zoom Fine</i>
			000 - 255	16-bit Narrow to Wide
20	23	28		<i>Frost</i>
			000 - 255	0% to 100%
21	24	29		<i>Animation Index / Rotation</i>
			000 - 005	Open
			006 - 128	Animation Indexing
			129 - 189	Clockwise Animation Rotation, fast to slow
			190 - 193	No Rotation
194 - 255	Counter-Clockwise Animation Rotation, slow to fast			
22	25	30		<i>CMY / Color Macro Speed</i>
			000 - 255	Maximum to Minimum
23	26	31		<i>Pan / Tilt Speed</i>
			000 - 225	Pan / Tilt Speed, fast to slow
			226 - 235	Blackout by Movement
			236 - 245	Blackout by All Wheels Changing
		246 - 255	No Function	

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CHANNEL			DMX VALUES	FUNCTION
24Ch	27Ch	32Ch		
24	27	32		<i>Special Functions</i>
			000 - 089	No Function
			090 - 099	Aria On (Default, Hold 3s)
			100 - 109	Aria Off (Hold 5s)
			110 - 119	Lamp On (Hold 3s)
			120 - 129	Lamp Off (Hold 5s)
			130 - 139	Invert Pan On (Hold 3s)
			140 - 149	Invert Pan Off (Hold 5s)
			150 - 159	Invert Tilt On (Hold 3s)
			160 - 169	Invert Tilt Off (Hold 5s)
			170 - 179	Display Backlight On (Hold 3s)
			180 - 189	Display Backlight Off (Hold 5s)
			190 - 199	Hibernation Enable (Hold 3s)
			200 - 209	Hibernation Off (Hold 5s)
			210 - 214	Color Reset (Hold 3s)
			215 - 219	Gobo Reset (Hold 3s)
			220 - 224	Focus and Zoom Reset (Hold 3s)
			225 - 229	Shutter Reset (Hold 3s)
			230 - 234	Reset Pan/Tilt (Hold 3s)
			235 - 239	Reset Head Only (Hold 3s)
240 - 244	Reset Effects (Hold 3s)			
245 - 249	Reset All Function (Hold 3s)			
250 - 255	No Function			