

ADJ HYDRO SPOT 2 - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
1	1	1	000 - 255	Pan Movement , 540/630
	2	2	000 - 255	Pan Fine
2	3	3	000 - 255	Tilt Movement , 270
	4	4	000 - 255	Tilt Fine
3	5	5	000 - 255	Cyan , 0% to 100%
		6	000 - 255	Cyan Fine
4	6	7	000 - 255	Magenta , 0% to 100%
		8	000 - 255	Magenta Fine
5	7	9	000 - 255	Yellow , 0% to 100%
		10	000 - 255	Yellow Fine
6	8	11	000 - 255	CTO , 0% to 100%
		12	000 - 255	CTO Fine
7	9	13		White Color Temperature Presets
			000 - 023	Open
			024 - 063	Presets, see White Color Temperature Presets section of this manual
			064 - 255	6700K
8	10	14		Color Wheel
			000 - 004	Open
			005 - 017	Open / Red
			018 - 030	Red
			031 - 043	Red / Medium Blue
			044 - 056	Medium Blue
			057 - 069	Medium Blue / Green
			070 - 082	Green
			083 - 095	Green / Amber
			096 - 108	Amber
			109 - 121	Amber / Orange
			122 - 134	Orange
			135 - 147	Orange / High CRI Filter
			148 - 160	High CRI Filter
			161 - 173	High CRI Filter / CTB
			174 - 186	CTB
			187 - 199	CTB / Open
200 - 226	Clockwise Color Wheel Rotation, fast to slow			
227 - 228	No Rotation			
229 - 255	Counter-Clockwise Color Wheel Rotation, slow to fast			

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CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
	11	15		<i>Color Macros</i>
			000 - 031	Off
			032 - 039	Macro 1
			040 - 047	Macro 2
			048 - 055	Macro 3
			056 - 063	Macro 4
			064 - 071	Macro 5
			072 - 079	Macro 6
			080 - 087	Macro 7
			088 - 095	Macro 8
			096 - 103	Macro 9
			104 - 111	Macro 10
			112 - 119	Macro 11
			120 - 127	Macro 12
			128 - 135	Macro 13
			136 - 143	Macro 14
			144 - 151	Macro 15
			152 - 159	Macro 16
			160 - 167	Macro 17
			168 - 175	Macro 18
			176 - 183	Macro 19
			184 - 191	Macro 20
			192 - 199	Macro 21
			200 - 207	Macro 22
			208 - 215	Macro 23
216 - 223	Macro 24			
224 - 231	Macro 25			
232 - 239	Macro 26			
240 - 247	Macro 27			
248 - 255	Random CMY			
9	12	16		<i>Gobo Wheel 1</i>
			000 - 009	Open
			010 - 019	Gobo 1
			020 - 029	Gobo 2
			030 - 039	Gobo 3
			040 - 049	Gobo 4
			050 - 059	Gobo 5
			060 - 069	Gobo 6
070 - 079	Gobo 7			

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CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
9	12	16		<i>Gobo Wheel 1 (continued)</i>
			080 - 094	Gobo 1 Shake, slow to fast
			095 - 109	Gobo 2 Shake, slow to fast
			110 - 124	Gobo 3 Shake, slow to fast
			125 - 139	Gobo 4 Shake, slow to fast
			140 - 154	Gobo 5 Shake, slow to fast
			155 - 169	Gobo 6 Shake, slow to fast
			170 - 189	Gobo 7 Shake, slow to fast
			190 - 221	Clockwise Gobo Wheel Rotation, fast to slow
			222 - 223	No Rotation
		224 - 255	Counter-Clockwise Gobo Wheel Rotation, slow to fast	
10	13	17		<i>Gobo 1 Rotation</i>
			000 - 005	Gobo 1 Rotation Off
			006 - 128	Gobo Index, 0°... 540°
			129 - 191	Clockwise Gobo Rotation, fast to slow
			192	No Rotation
		193 - 255	Counter-Clockwise Gobo Rotation, slow to fast	
		18	000 - 255	<i>Gobo 1 Rotation Fine</i>
11	14	19		<i>Gobo Wheel 2</i>
			000 - 005	Open
			006 - 014	Gobo 1
			015 - 023	Gobo 2
			024 - 032	Gobo 3
			033 - 041	Gobo 4
			042 - 050	Gobo 5
			051 - 059	Gobo 6
			060 - 068	Gobo 7
			069 - 077	Gobo 8
			078 - 091	Gobo 1 Shake, slow to fast
			092 - 105	Gobo 2 Shake, slow to fast
			106 - 119	Gobo 3 Shake, slow to fast
			120 - 133	Gobo 4 Shake, slow to fast
			134 - 147	Gobo 5 Shake, slow to fast
			148 - 161	Gobo 6 Shake, slow to fast
			162 - 175	Gobo 7 Shake, slow to fast
			176 - 189	Gobo 8 Shake, slow to fast
190 - 221	Clockwise Gobo Wheel Rotation, fast to slow			
222 - 223	No Rotation			
		224 - 255	Counter-Clockwise Gobo Wheel Rotation, slow to fast	

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ADJ HYDRO SPOT 2 - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
12	15	20		Shutter
			000 - 031	Shutter Closed
			032 - 063	Shutter Open
			064 - 095	Strobe, slow to fast
			096 - 127	Shutter Open
			128 - 159	Pulse Effect, slow to fast
			160 - 191	Shutter Open
			192 - 223	Random Strobe, slow to fast
		224 - 255	Shutter Open	
13	16	21	000 - 255	Dimmer Intensity , 0% to 100%
	17	22	000 - 255	Dimmer Intensity Fine
14	18	23		Prisms and Prism/Gobo Macros
			000 - 005	No Prism - Open
			006 - 066	Prism 1 (6 Linear Prism)
			067 - 127	Prism 2 (4 Facet Prism)
			128 - 135	Macro 1
			136 - 143	Macro 2
			144 - 151	Macro 3
			152 - 159	Macro 4
			160 - 167	Macro 5
			168 - 175	Macro 6
			176 - 183	Macro 7
			184 - 191	Macro 8
			192 - 199	Macro 9
			200 - 207	Macro 10
			208 - 215	Macro 11
			216 - 223	Macro 12
			224 - 231	Macro 13
232 - 239	Macro 14			
240 - 247	Macro 15			
248 - 255	Macro 16			
15	19	24		Prism Rotation
			000 - 005	Prism Rotation Off
			006 - 128	Prism Indexing, 0°... 540°
			129 - 191	Clockwise Prism Rotation, fast to slow
			192	No Rotation
		193 - 255	Counter-Clockwise Prism Rotation, slow to fast	
16	20	25	000 - 255	Focus , 0% to 100%
		26	000 - 255	Focus Fine

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ADJ HYDRO SPOT 2 - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
17	21	27	000 - 255	Zoom , narrow to wide
		28	000 - 255	Zoom Fine
18	22	29	000 - 255	Medium Frost , 0% to 100%
19	23	30	000 - 255	Heavy Frost , 0% to 100%
20	24	31		Animation
			000 - 005	Wheel Rotation Off
			006 - 128	Animation Index, 0°... 540°
			129 - 191	Clockwise Animation Rotation, fast to slow
			192	No Rotation
			193 - 255	Counter-Clockwise Animation Rotation, slow to fast
21	25	32		Dimmer Mode
			000 - 020	Default to Unit Setting
			021 - 040	Standard
			041 - 060	Stage
			061 - 080	TV
			081 - 100	Architectural
			101 - 120	Theater
			121 - 140	Stage 2
			141 - 160	Dim Speed, fast to slow (0.1s to 10.0s)
161 - 255	Default to Unit Setting			
	26	33		Dim Curves
			000 - 020	Square
			021 - 040	Linear
			041 - 060	Inv Squa
			061 - 080	S Curve
			081 - 255	No Function
22	27	34	000 - 255	CMY & Color Macro Speed , maximum to minimum
23	28	35		Pan/Tilt Speed
			000 - 225	Pan/Tilt, fast to slow
			226 - 235	Blackout by Movement
			236 - 245	Blackout by All Wheel Changing
			246 - 255	No Function
24	29	36		Special Functions
			000 - 039	No Function (1200 Hz Default LED Refresh Rate)
			040 - 049	Fan Control - Low (hold 3s)
			050 - 059	Fan Control - High (hold 3s)
			060 - 069	Fan Control - Auto (default, hold 3s)
			070 - 074	All Motor Reset (hold 3s)
			075 - 079	Pan/Tilt Reset (hold 3s)

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ADJ HYDRO SPOT 2 - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
24	29	36		<i>Special Functions (continued)</i>
			080 - 084	Color Reset (hold 3s)
			085 - 089	Gobo Reset (hold 3s)
			090 - 094	Focus and Zoom Reset (hold 3s)
			095 - 099	Shutter Reset (hold 3s)
			100 - 104	No Function
			105 - 109	Other Motors Reset (hold 3s)
			110 - 114	Enable Zoom Speed Fast (hold 3s)
			115 - 119	Disable Zoom Speed Fast (hold 5s)
			120 - 148	No Function
			149 - 150	Wifly On (default, hold 3s)
			151 - 152	Wifly Off (hold 5s)
			153 - 154	Hibernation Enable (hold 3s)
			155 - 156	Hibernation Off (hold 5s)
			157 - 158	Display Backlight On (hold 3s)
			159 - 160	Display Backlight Off (hold 5s)
			161 - 162	Pan/Tilt Speed 1 (default, hold 5s)
			163 - 164	Pan/Tilt Speed 2 (hold 5s)
			165 - 166	Invert Pan On (hold 3s)
			167 - 168	Invert Pan Off (hold 5s)
			169 - 170	Invert Tilt On (hold 3s)
			171 - 172	Invert Tilt Off (hold 5s)
				<i>Refresh Rates (Hz)</i>
			173	900
			174	910
			175	920
			176	930
			177	940
			178	950
			179	960
180	970			
181	980			
182	990			
183	1000			
184	1010			
185	1020			
186	1030			
187	1040			
188	1050			

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CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
24	29	36		<i>Refresh Rates (Hz, continued)</i>
			189	1060
			190	1070
			191	1080
			192	1090
			193	1100
			194	1110
			195	1120
			196	1130
			197	1140
			198	1150
			199	1160
			200	1170
			201	1180
			202	1190
			203	1210
			204	1220
			205	1230
			206	1240
			207	1250
			208	1260
			209	1270
			210	1280
			211	1290
			212	1300
			213	1310
			214	1320
			215	1330
			216	1340
			217	1350
218	1360			
219	1370			
220	1380			
221	1390			
222	1400			
223	1410			
224	1420			
225	1430			
226	1440			

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ADJ HYDRO SPOT 2 - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
24 CH	29 CH	36 CH		
24	29	36		<i>Refresh Rates (Hz, continued)</i>
			227	1450
			228	1460
			229	1470
			230	1480
			231	1490
			232	1500
			233	2500
			234	4000
			235	5000
			236	6000
			237	10,000
			238	15,000
			239	20,000
			240	25,000
			241	Internal Program 1 (scenes 1-8, hold 3s)
			242	Internal Program 2 (scenes 9-16, hold 3s)
			243	Internal Program 3 (scenes 17-24, hold 3s)
			244	Internal Program 4 (scenes 25-32, hold 3s)
			245	Internal Program 5 (scenes 33-40, hold 3s)
246	Internal Program 6 (scenes 41-48, hold 3s)			
247	Internal Program 7 (scenes 49-56, hold 3s)			
248 - 255			No Function	