

ADJ HYDRO PROFILE - DMX TRAITS

CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
1	1	1	000 - 255	Pan Movement , 540
	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 , 0% to 100%
4	6	7	000 - 255	Magenta , 0% to 100%
		8	000 - 255	Magenta Fine , 0% to 100%
5	7	9	000 - 255	Yellow , 0% to 100%
		10	000 - 255	Yellow Fine , 0% to 100%
6	8	11	000 - 255	CTO , 0 % to 100%
		12	000 - 255	CTO Fine , 0% to 100%
7	9	13		White Color Temperature Presets
			000 - 023	Open
			024 - 076	White Color Temperature Presets, see White Color Temperature Chart section of this manual
			077 - 255	8000K
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			
	11	15		Color Macros
			000 - 031	Off
			032 - 039	Macro1
			040 - 047	Macro2

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
11	15			<i>Color Macros (continued)</i>
		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	
		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			
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
			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

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
9	12	16		<i>Gobo Wheel 1 (continued)</i>
			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 PROFILE - DMX TRAITS

CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 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	Macro1
			136 - 143	Macro2
			144 - 151	Macro3
			152 - 159	Macro4
			160 - 167	Macro5
			168 - 175	Macro6
			176 - 183	Macro7
			184 - 191	Macro8
			192 - 199	Macro9
			200 - 207	Macro10
			208 - 215	Macro11
			216 - 223	Macro12
			224 - 231	Macro13
232 - 239	Macro14			
240 - 247	Macro15			
248 - 255	Macro16			
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 , 0% to 100%
17	21	27	000 - 255	Zoom , narrow to wide
		28	000 - 255	Zoom Fine , narrow to wide

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
18	22	29		<i>Iris</i>
			000 - 225	Open to Close
			226 - 235	Pulse Up, slow to fast
			236 - 245	Pulse Down, slow to fast
			246 - 255	Random Effect, slow to fast
19	23	30	000 - 255	<i>Medium Frost</i> , 0% to 100%
20	24	31	000 - 255	<i>Heavy Frost</i> , 0% to 100%
21	25	32		<i>Animation</i>
			000 - 005	Animation 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
22	26	33	000 - 255	<i>Blade 1A</i> , 0% to 100%
	27	34	000 - 255	<i>Blade 1A Fine</i> , 0% to 100%
23	28	35	000 - 255	<i>Blade 1B</i> , 0% to 100%
	29	36	000 - 255	<i>Blade 1B Fine</i> , 0% to 100%
24	30	37	000 - 255	<i>Blade 2A</i> , 0% to 100%
	31	38	000 - 255	<i>Blade 2A Fine</i> , 0% to 100%
25	32	39	000 - 255	<i>Blade 2B</i> , 0% to 100%
	33	40	000 - 255	<i>Blade 2B Fine</i> , 0% to 100%
26	34	41	000 - 255	<i>Blade 3A</i> , 0% to 100%
	35	42	000 - 255	<i>Blade 3A Fine</i> , 0% to 100%
27	36	43	000 - 255	<i>Blade 3B</i> , 0% to 100%
	37	44	000 - 255	<i>Blade 3B Fine</i> , 0% to 100%
28	38	45	000 - 255	<i>Blade 4A</i> , 0% to 100%
	39	46	000 - 255	<i>Blade 4A Fine</i> , 0% to 100%
29	40	47	000 - 255	<i>Blade 4B</i> , 0% to 100%
	41	48	000 - 255	<i>Blade 4B Fine</i> , 0% to 100%
30	42	49	000 - 255	<i>Frame Rotation</i> , 0° to 120°
	43	50	000 - 255	<i>Frame Rotation Fine</i> , 0% to 100%
31	44	51	000 - 255	<i>Frame Speed</i> , max to min
32	45	52		<i>Frame Macros</i> , refer to <i>Frame Macros Chart</i> section of this manual
			000 - 007	Off
			008 - 015	Macro 1
			016 - 023	Macro 2
			024 - 031	Macro 3
			032 - 039	Macro 4
			040 - 047	Macro 5
			048 - 055	Macro 6
			056 - 063	Macro 7

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
32	45	52		<i>Frame Macros (continued)</i>
			064 - 071	Macro 8
			072 - 079	Macro 9
			080 - 087	Macro 10
			088 - 095	Macro 11
			096 - 103	Macro 12
			104 - 111	Macro 13
			112 - 119	Macro 14
			120 - 127	Macro 15
			128 - 135	Macro 16
			136 - 143	Macro 17
			144 - 151	Macro 18
			152 - 159	Macro 19
			160 - 167	Macro 20
			168 - 175	Macro 21
			176 - 183	Macro 22
			184 - 191	Macro 23
			192 - 199	Macro 24
			200 - 207	Macro 25
			208 - 215	Macro 26
216 - 223	Macro 27			
224 - 231	Macro 28			
232 - 239	Macro 29			
240 - 247	Macro 30			
248 - 255	Macro 31			
33	46	53		<i>Dimmer Mode</i>
			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 10s)
161 - 255	Default to Unit Setting			
	47	54		<i>Dim Curves</i>
			000 - 020	Square
			021 - 040	Linear
			041 - 060	Inv. Squa.
			061 - 080	S. Curve
		081 - 255	No Function	

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
34	48	55	000 - 255	CMY & Color Macro Speed , max to min
35	49	56		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
36	50	57		Special Functions
			000 - 039	Default LED Refresh Rate (1200 Hz)
			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)
			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	Framing Reset (Hold 3s)
			105 - 109	Other Motors Reset (Hold 3s)
			110 - 114	Enable Zoom Speed Fast (Hold 3s)
			115 - 119	Disable Zoom Speed Fast (Hold 5s)
			120 - 124	Pump On
			125 - 129	Pump Off
			130 - 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)
		173	900 Hz	
		174	910 Hz	
		175	920 Hz	
		176	930 Hz	

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
36	50	57		<i>Refresh Rate (continued)</i>
			177	940 Hz
			178	950 Hz
			179	960 Hz
			180	970 Hz
			181	980 Hz
			182	990 Hz
			183	1000 Hz
			184	1010 Hz
			185	1020 Hz
			186	1030 Hz
			187	1040 Hz
			188	1050 Hz
			189	1060 Hz
			190	1070 Hz
			191	1080 Hz
			192	1090 Hz
			193	1100 Hz
			194	1110 Hz
			195	1120 Hz
			196	1130 Hz
			197	1140 Hz
			198	1150 Hz
			199	1160 Hz
			200	1170 Hz
			201	1180 Hz
202	1190 Hz			
203	1210 Hz			
204	1220 Hz			
205	1230 Hz			
206	1240 Hz			
207	1250 Hz			
208	1260 Hz			
209	1270 Hz			
210	1280 Hz			
211	1290 Hz			
212	1300 Hz			
213	1310 Hz			
214	1320 Hz			
215	1330 Hz			
216	1340 Hz			

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CHANNEL			DMX VALUE	FUNCTION
36 CH	50 CH	57 CH		
36	50	57		<i>Refresh Rate (continued)</i>
			217	1350 Hz
			218	1360 Hz
			219	1370 Hz
			220	1380 Hz
			221	1390 Hz
			222	1400 Hz
			223	1410 Hz
			224	1420 Hz
			225	1430 Hz
			226	1440 Hz
			227	1450 Hz
			228	1460 Hz
			229	1470 Hz
			230	1480 Hz
			231	1490 Hz
			232	1500 Hz
			233	2500 Hz
			234	4000 Hz
			235	5000 Hz
			236	6000 Hz
			237	10,000 Hz
			238	15,000 Hz
			239	20,000 Hz
			240	25,000 Hz
			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			