

ADJ HYDRO FLEX L7 - DMX TRAITS

CHANNEL								DMX VALUES	FUNCTION
16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
1	1	1	1	1	1	1	1		Pan Movement, 8-bit
								000 - 255	540 / 630 Degrees
	2	2	2	2	2	2	2		Pan Fine Movement, 16-bit
								000 - 255	Pan Fine Movement
2	3	3	3	3	3	3	3		Tilt Movement, 8-bit
								000 - 255	270 Degrees
	4	4	4	4	4	4	4		Tilt Fine Movement, 16-bit
								000 - 255	Tilt Fine Movement
3	5				5				Red
								000 - 255	0% - 100%
4	6				6				Green
								000 - 255	0% - 100%
5	7				7				Blue
								000 - 255	0% - 100%
6	8				8				Lime
								000 - 255	0% - 100%
		5	5	5					Red 1
								000 - 255	0% - 100%
		6	6	6					Green 1
								000 - 255	0% - 100%
		7	7	7					Blue 1
								000 - 255	0% - 100%
		8	8	8					Lime 1
								000 - 255	0% - 100%
		9	9	9					Red 2
								000 - 255	0% - 100%
		10	10	10					Green 2
								000 - 255	0% - 100%
		11	11	11					Blue 2
								000 - 255	0% - 100%
		12	12	12					Lime 2
								000 - 255	0% - 100%
		13	13	13					Red 3
								000 - 255	0% - 100%
		14	14	14					Green 3
								000 - 255	0% - 100%
		15	15	15					Blue 3
								000 - 255	0% - 100%
		16	16	16					Lime 3
								000 - 255	0% - 100%

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
			17	17					Red 4
								000 - 255	0% - 100%
			18	18					Green 4
								000 - 255	0% - 100%
			19	19					Blue 4
								000 - 255	0% - 100%
			20	20					Lime 4
								000 - 255	0% - 100%
			21	21					Red 5
								000 - 255	0% - 100%
			22	22					Green 5
								000 - 255	0% - 100%
			23	23					Blue 5
								000 - 255	0% - 100%
			24	24					Lime 5
								000 - 255	0% - 100%
				25					Red 6
								000 - 255	0% - 100%
				26					Green 6
								000 - 255	0% - 100%
				27					Blue 6
								000 - 255	0% - 100%
				28					Lime 6
								000 - 255	0% - 100%
				29					Red 7
								000 - 255	0% - 100%
				30					Green 7
								000 - 255	0% - 100%
				31					Blue 7
								000 - 255	0% - 100%
				32					Lime 7
								000 - 255	0% - 100%
						5	5		Cyan
								000 - 255	0% - 100%
							6		Cyan Fine
								000 - 255	Cyan Fine
						6	7		Magenta
								000 - 255	0% - 100%
							8		Magenta Fine
								000 - 255	Magenta Fine

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16 CH	25 CH STD	34 CH	42 Ch	50 CH	26 Ch	25 CH STD CMY	28 CH	DMX VALUES	FUNCTION
						7	9		Yellow
								000 - 255	0% - 100%
							10		Yellow Fine
								000 - 255	Yellow Fine
	9	17	25	33	9	8	11		Color Temperature Linear
								000 - 255	2,700K - 10,000K
7	10	18	26	34	10	9	12		Color Temperature Presets
								000	No Function
								001 - 060	2700K
								061 - 179	3000K
								180 - 201	3200K
								202 - 207	4000K
								208 - 229	4500K
								230 - 234	5000K
								235 - 239	5600K
								240 - 244	6500K
								245 - 249	8000K
								250 - 255	10000K
	11	19	27	35	11	10	13		Virtual Foreground Color Wheel
								000	Open
								001 - 060	Virtual Swatch Colors (see Colors Wheels Table)
								061 - 179	Open
								180 - 201	Color Scroll Clockwise, fast to slow
								202 - 207	Stop
								208 - 229	Color Scroll Counter-Clockwise, slow to fast
								230 - 234	Open
								235 - 239	Random Slots Fast
								240 - 244	Random Slots Medium
								245 - 249	Random Slots Slow
								250 - 255	Open

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
12	20	28	36	12	11	14			Virtual Background Color Wheel
								000	Open
								001 - 060	Virtual Swatch Colors (see Color Wheels Table)
								061 - 179	Open
								180 - 201	Color Scroll Clockwise, fast to slow
								202 - 207	Stop
								208 - 229	Color Scroll Counter-Clockwise, slow to fast
								230 - 234	Open
								235 - 239	Random Slots Fast
								240 - 244	Random Slots Medium
								245 - 249	Random Slots Slow
								250 - 255	Open
		21	29	37	13	12	15		Color Temperature, Red to Green
								000	No Function
								001 - 255	Shift CT, red to green
8	13	22	30	38	14	13	16		64 Color Macros
								000 - 255	See Color Macros Chart
9	14	23	31	39	15	14	17		Shutter
								000 - 031	Shutter Closed (LEDs Off)
								032 - 063	Shutter Open (LEDs On)
								064 - 095	Strobe Effect, slow to fast
								096 - 127	Shutter Open (LEDs On)
								128 - 159	Pulse Effect in Sequences
								160 - 191	Shutter Open (LEDs On)
								192 - 223	Random Strobe Effect, slow to fast
								224 - 255	Shutter Open (LEDs On)
10	15	24	32	40	16	15	18		Dimmer
								000 - 255	0% to 100%
	16	25	33	41	17	16	19		Dimmer Fine
								000 - 255	Dimmer Fine Adjustment 16-bit
11	17	26	34	42	18	17	20		Zoom
								000 - 255	Wide to Narrow
	18	27	35	43	19	18	21		Zoom Fine
								000 - 255	Zoom Fine Adjustment 16-bit

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
19	28	36	44	20	19	22		Dim Modes	
							000 - 020	Default to Unit Setting	
							021 - 040	Standard	
							041 - 060	Stage	
							061 - 080	TV	
							081 - 100	Architectural	
							101 - 120	Theatre	
							121 - 140	Stage 2	
								Dimming Speed	
							141	0.1s	
							142	0.2s	
							143	0.3s	
							144	0.4s	
							145	0.5s	
							146	0.6s	
							147	0.7s	
							148	0.8s	
							149	0.9s	
							150	1.0s	
							151	1.5s	
							152	2.0s	
							153	3.0s	
							154	4.0s	
							155	5.0s	
							156	6.0s	
							157	7.0s	
							158	8.0s	
							159	9.0s	
							160	10.0s	
							161 - 255	Default to Unit Setting	
20	29	37	45	21	20	23		Dim Curves	
							000 - 020	Square	
							021 - 040	Linear	
							041 - 060	Inv Squa	
							061 - 080	S Curve	
							081 - 255	No Function	

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
12	21	30	38	46	22	21	24		Internal Programs
								000 - 009	No Function
								010 - 019	Program 1
								020 - 029	Program 2
								030 - 039	Program 3
								040 - 049	Program 4
								050 - 059	Program 5
								060 - 069	Program 6
								070 - 079	Program 7
								080 - 089	Program 8
								090 - 099	Program 9
								100 - 109	Program 10
								110 - 119	Program 11
								120 - 129	Program 12
								130 - 139	Program 13
								140 - 149	Program 14
								150 - 159	Program 15
								160 - 169	Program 16
								170 - 179	Program 17
								180 - 189	Program 18
								190 - 199	Program 19
								200 - 209	Program 20
								210 - 255	No Function
13	22	31	39	47	23	22	25		Program Speed
								000 - 255	Slow to Fast
14	23	32	40	48	24	23	26		Program Fade
								000 - 255	Minimum to Maximum
15	24	33	41	49	25	24	27		Pan / Tilt Speed
								000 - 255	Maximum to Minimum
16	25	34	42	50	26	25	28		LED Refresh Rate
								000 - 010	No Function
								011	900 Hz
								012	910 Hz
								013	920 Hz
								014	930 Hz
								015	940 Hz
								016	950 Hz
								017	960 Hz
								018	970 Hz
								019	980 Hz
								020	990 Hz

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
16	25	34	42	50	26	25	28		LED Refresh Rate (continued)
								021	1000 Hz
								022	1010 Hz
								023	1020 Hz
								024	1030 Hz
								025	1040 Hz
								026	1050 Hz
								027	1060 Hz
								028	1070 Hz
								029	1080 Hz
								030	1090 Hz
								031	1100 Hz
								032	1110 Hz
								033	1120 Hz
								034	1130 Hz
								035	1140 Hz
								036	1150 Hz
								037	1160 Hz
								038	1170 Hz
								039	1180 Hz
								040	1190 Hz
								041	1200 Hz
								042	1210 Hz
								043	1220 Hz
								044	1230 Hz
								045	1240 Hz
								046	1250 Hz
								047	1260 Hz
								048	1270 Hz
								049	1280 Hz
								050	1290 Hz
								051	1300 Hz
								052	1310 Hz
								053	1320 Hz
								054	1330 Hz
								055	1340 Hz
								056	1350 Hz
								057	1360 Hz
								058	1370 Hz
								059	1380 Hz
								060	1390 Hz

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
16	25	34	42	50	26	25	28		LED Refresh Rate (continued)
								061	1400 Hz
								062	1410 Hz
								063	1420 Hz
								064	1430 Hz
								065	1440 Hz
								066	1450 Hz
								067	1460 Hz
								068	1470 Hz
								069	1480 Hz
								070	1490 Hz
								071	1500 Hz
								072	2500 Hz
								073	4000 Hz
								074	5000 Hz
								075	6000 Hz
								076	10 KHz
								077	15 KHz
								078	20 KHz
								079	25 KHz
								080	No Function
									Special Functions
								081 - 089	Enable Blackout while Pan/Tilt Moving
								090 - 099	Disable Blackout while Pan/Tilt Moving
								100 - 105	Fan Mode Low (hold 3s)
								106 - 111	Fan Mode High (hold 3s)
								112 - 117	Fan Mode Auto (hold 3s)
								118 - 122	Enable Pan Invert (hold 3s)
								123 - 127	Disable Pan Invert (hold 3s)
								128 - 132	Enable Tilt Invert (hold 3s)
								133 - 139	Disable Tilt Invert (hold 3s)
								140 - 149	Reset All
								150 - 159	Reset Pan/Tilt
								160 - 169	Reset Effect
								170 - 174	Enable Zoom Speed Fast
								175 - 179	Disable Zoom Speed Fast
								180 - 182	Enable White Calibration (hold 3s)
								183 - 185	Enable White Fixed Values (hold 3s)
								186 - 189	Fan Mode Mute (hold 3s)

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16 CH	25 CH STD	34 CH	42 CH	50 CH	26 CH	25 CH STD CMY	28 CH		
16	25	34	42	50	26	25	28		Special Functions (continued)
								190 - 193	Enable Zoom Mode 2 (hold 3s)
								194 - 197	Disable Zoom Mode 2 (hold 3s)
								198 - 200	Enable LP Mode 1 (hold 3s)
								201 - 203	Enable LP Mode 2 (hold 3s)
								204 - 255	No Function