

ADJ HYDRO WASH X19 - DMX TRAITS

CHANNEL						DMX VALUES	FUNCTION
16CH	20CH	26CH	30CH	88CH	90CH		
1	1	1	1	1	1	000 - 255	Pan , 0% to 100%
2	2	2	2	2	2	000 - 255	Pan Fine , 0% to 100%
3	3	3	3	3	3	000 - 255	Tilt , 0% to 100%
4	4	4	4	4	4	000 - 255	Tilt Fine , 0% to 100%
		5	5		5		Color
						000 - 002	Open
						003 - 004	Color 1
						005 - 006	Color 2
						007 - 008	Color 3
						009 - 010	Color 4
						011 - 012	Color 5
						013 - 014	Color 6
						015 - 016	Color 7
						017 - 018	Color 8
						019 - 021	Color 9
						022 - 023	Color 10
						024 - 025	Color 11
						026 - 027	Color 12
						028 - 029	Color 13
						030 - 031	Color 14
						032 - 033	Color 15
						034 - 035	Color 16
						036 - 037	Color 17
						038 - 039	Color 18
						040 - 042	Color 19
						043 - 044	Color 20
						045 - 046	Color 21
						047 - 048	Color 22
						049 - 050	Color 23
						051 - 052	Color 24
						053 - 054	Color 25
						055 - 056	Color 26
057 - 058	Color 27						
069 - 060	Color 28						
061 - 063	Color 29						
064 - 127	Index						
128 - 189	Clockwise rotation, fast to slow						
190 - 193	Stop						
194 - 255	Counter-clockwise rotation, slow to fast						

DMX TRAITS: CHANNEL FUNCTIONS & VALUES

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16CH	20CH	26CH	30CH	88CH	90CH		
		6	6		6	000 - 255	Color Macros (refer to Color Macros Chart section of this manual)
5	5					000 - 255	Red , 0% to 100%
6	6					000 - 255	Green , 0% to 100%
7	7					000 - 255	Blue , 0% to 100%
8	8					000 - 255	White , 0% to 100%
9	9	7	7	81	7	000 - 255	Color Temperature , 2700K to 7000K
		8	8	5	8	000 - 255	Red1 , 0% to 100%
		9	9	6	9	000 - 255	Green1 , 0% to 100%
		10	10	7	10	000 - 255	Blue1 , 0% to 100%
		11	11	8	11	000 - 255	White1 , 0% to 100%
		12	12	9	12	000 - 255	Red2 , 0% to 100%
		13	13	10	13	000 - 255	Green2 , 0% to 100%
		14	14	11	14	000 - 255	Blue2 , 0% to 100%
		15	15	12	15	000 - 255	White2 , 0% to 100%
		16	16	13	16	000 - 255	Red3 , 0% to 100%
		17	17	14	17	000 - 255	Green3 , 0% to 100%
		18	18	15	18	000 - 255	Blue3 , 0% to 100%
		19	19	16	19	000 - 255	White3 , 0% to 100%
				17	20	000 - 255	Red4 , 0% to 100%
				18	21	000 - 255	Green4 , 0% to 100%
				19	22	000 - 255	Blue4 , 0% to 100%
				20	23	000 - 255	White4 , 0% to 100%
				21	24	000 - 255	Red5 , 0% to 100%
				22	25	000 - 255	Green5 , 0% to 100%
				23	26	000 - 255	Blue5 , 0% to 100%
				24	27	000 - 255	White5 , 0% to 100%
				25	28	000 - 255	Red6 , 0% to 100%
				26	29	000 - 255	Green6 , 0% to 100%
				27	30	000 - 255	Blue6 , 0% to 100%
				28	31	000 - 255	White6 , 0% to 100%
				29	32	000 - 255	Red7 , 0% to 100%
				30	33	000 - 255	Green7 , 0% to 100%
				31	34	000 - 255	Blue7 , 0% to 100%
				32	35	000 - 255	White7 , 0% to 100%
				33	36	000 - 255	Red8 , 0% to 100%
				34	37	000 - 255	Green8 , 0% to 100%
				35	38	000 - 255	Blue8 , 0% to 100%
				36	39	000 - 255	White8 , 0% to 100%
				37	40	000 - 255	Red9 , 0% to 100%

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16CH	20CH	26CH	30CH	88CH	90CH		
				38	41	000 - 255	Green9 , 0% to 100%
				39	42	000 - 255	Blue9 , 0% to 100%
				40	43	000 - 255	White9 , 0% to 100%
				41	44	000 - 255	Red10 , 0% to 100%
				42	45	000 - 255	Green10 , 0% to 100%
				43	46	000 - 255	Blue10 , 0% to 100%
				44	47	000 - 255	White10 , 0% to 100%
				45	48	000 - 255	Red11 , 0% to 100%
				46	49	000 - 255	Green11 , 0% to 100%
				47	50	000 - 255	Blue11 , 0% to 100%
				48	51	000 - 255	White11 , 0% to 100%
				49	52	000 - 255	Red12 , 0% to 100%
				50	53	000 - 255	Green12 , 0% to 100%
				51	54	000 - 255	Blue12 , 0% to 100%
				52	55	000 - 255	White12 , 0% to 100%
				53	56	000 - 255	Red13 , 0% to 100%
				54	57	000 - 255	Green13 , 0% to 100%
				55	58	000 - 255	Blue13 , 0% to 100%
				56	59	000 - 255	White13 , 0% to 100%
				57	60	000 - 255	Red14 , 0% to 100%
				58	61	000 - 255	Green14 , 0% to 100%
				59	62	000 - 255	Blue14 , 0% to 100%
				60	63	000 - 255	White14 , 0% to 100%
				61	64	000 - 255	Red15 , 0% to 100%
				62	65	000 - 255	Green15 , 0% to 100%
				63	66	000 - 255	Blue15 , 0% to 100%
				64	67	000 - 255	White15 , 0% to 100%
				65	68	000 - 255	Red16 , 0% to 100%
				66	69	000 - 255	Green16 , 0% to 100%
				67	70	000 - 255	Blue16 , 0% to 100%
				68	71	000 - 255	White16 , 0% to 100%
				69	72	000 - 255	Red17 , 0% to 100%
				71	74	000 - 255	Blue17 , 0% to 100%
				72	75	000 - 255	White17 , 0% to 100%
				73	76	000 - 255	Red18 , 0% to 100%
				74	77	000 - 255	Green18 , 0% to 100%
				75	78	000 - 255	Blue18 , 0% to 100%
				76	79	000 - 255	White18 , 0% to 100%
				77	80	000 - 255	Red19 , 0% to 100%
				78	81	000 - 255	Green19 , 0% to 100%
				79	82	000 - 255	Blue19 , 0% to 100%
				80	83	000 - 255	White19 , 0% to 100%

DMX TRAITS: CHANNEL FUNCTIONS & VALUES

CHANNEL						DMX VALUES	FUNCTION	
16CH	20CH	26CH	30CH	88CH	90CH			
	10		20				Chase Patterns	
							000 - 014	Off
							015 - 030	Chase 1
							031 - 046	Chase 2
							047 - 062	Chase 3
							063 - 078	Chase 4
							079 - 094	Chase 5
							095 - 110	Chase 6
							111 - 126	Chase 7
							127 - 142	Chase 8
							143 - 158	Chase 9
							159 - 174	Chase 10
							175 - 190	Chase 11
							191 - 206	Chase 12
							207 - 222	Chase 13
							223 - 238	Chase 14
					239 - 255	Chase 15		
	11		21				Chase Speed	
						000 - 125	Backward, fast to slow	
						126 - 130	Stop	
					131 - 255	Forward, slow to fast		
	12		22			000 - 255	Chase Fade	
10	13	20	23	82	84		Strobe	
						000 - 031	Shutter Closed	
						032 - 063	Shutter Open	
						064 - 095	Shutter Effect, slow to fast	
						096 - 127	Shutter Open	
						128 - 159	Pulse Effect in Sequences	
						160 - 191	Shutter Open	
						192 - 223	Random Strobe Effect, slow to fast	
224 - 255	Shutter Open							
11	14	21	24	83	85	000 - 255	Dimmer , 0% to 100%	
12	15	22	25	84	86	000 - 255	Dimmer Fine	
13	16	23	26	85	87	000 - 255	Zoom (Narrow to Wide)	
14		24		86	88		Dim Modes (16-, 26-, 88-, and 90-channel mode)	
						000 - 020	Standard	
						021 - 040	Stage	
						041 - 060	TV	
						061 - 080	Architectural	
						081 - 100	Theatre	
						101 - 120	Stage 2	
						121 - 140	Dim Speed, fast to slow (0.1s to 10s)	
141 - 255	Default to unit setting							

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CHANNEL						DMX VALUES	FUNCTION
16CH	20CH	26CH	30CH	88CH	90CH		
	17		27				Dim Modes (20- and 30-channel 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
						141 - 160	Dim Speed, fast to slow (0.1s to 10s)
						161 - 255	Default to unit setting
	18		28				Dim Curves
						000 - 020	Square
						021 - 040	Linear
						041 - 060	Inv. Squa.
						061 - 080	S. Curve
						081 - 255	No function
15	19	25	29	87	89	000 - 255	Pan/Tilt Speed, fast to slow
							Special Functions
						000 - 010	Default LED Refresh Rate (1200 Hz)
						011	900 Hz Refresh Rate
						012	1000 Hz Refresh Rate
						013	1100 Hz Refresh Rate
						014	1300 Hz Refresh Rate
						015	1400 Hz Refresh Rate
						016	1500 Hz Refresh Rate
						017	2500 Hz Refresh Rate
						018	4000 Hz Refresh Rate
						019	5000 Hz Refresh Rate
						020	6000 Hz Refresh Rate
						021	10,000 Hz Refresh Rate
						022	15,000 Hz Refresh Rate
						023	Default to unit setting
						024 - 079	No function
						080 - 089	Enable blackout while pan/tilt moving
						090 - 099	Disable blackout while pan/tilt moving
						100 - 139	No function
						140 - 149	Pan/tilt reset
						150 - 159	Zoom reset
						160 - 199	No function
						200 - 209	All reset
						210 - 255	No function
16	20	26	30	88	90		