

## ADJ HYDRO WASH X7 - DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
15CH	17CH	22CH	41CH	46CH		
1	1	1	1	1	000 - 255	<b>Pan</b> , 0° to 540°
	2	2	2	2	000 - 255	<b>Pan Fine</b>
2	3	3	3	3	000 - 255	<b>Tilt</b> , 0° to 240°
	4	4	4	4	000 - 255	<b>Tilt Fine</b>
3	5	5	5	5		<b>Color</b>
					000 - 002	Open
					003 - 003	Color1
					005 - 006	Color2
					007 - 008	Color3
					009 - 010	Color4
					011 - 012	Color5
					013 - 014	Color6
					015 - 016	Color7
					017 - 018	Color8
					019 - 021	Color9
					022 - 023	Color10
					024 - 025	Color11
					026 - 027	Color12
					028 - 029	Color13
					030 - 031	Color14
					032 - 033	Color15
					034 - 035	Color16
					036 - 037	Color17
					038 - 039	Color18
					040 - 042	Color19
					043 - 044	Color20
					045 - 046	Color21
					047 - 048	Color22
049 - 050	Color23					
051 - 052	Color24					
053 - 054	Color25					
055 - 056	Color26					
057 - 058	Color27					
059 - 060	Color28					
061 - 063	Color29					

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CHANNEL					DMX VALUES	FUNCTION
15CH	17CH	22CH	41CH	46CH		
						<b><i>Color (continued)</i></b>
					064 - 127	Index
3	5	5	5	5	128 - 189	Clockwise Rotation, fast to slow
					190 - 193	Stop
					194 - 255	Counter-clockwise Rotation, slow to fast
4	6	6	6	6	000 - 255	<b><i>Color Macros</i></b> (see <b><i>Color Macros Chart</i></b> section of this manual)
5	7	7			000 - 255	<b><i>Red</i></b> , 0% to 100%
6	8	8			000 - 255	<b><i>Green</i></b> , 0% to 100%
7	9	9			000 - 255	<b><i>Blue</i></b> , 0% to 100%
8	10	10			000 - 255	<b><i>White</i></b> , 0% to 100%
			7	7	000 - 255	<b><i>Red1</i></b> , 0% to 100%
			8	8	000 - 255	<b><i>Green1</i></b> , 0% to 100%
			9	9	000 - 255	<b><i>Blue1</i></b> , 0% to 100%
			10	10	000 - 255	<b><i>White1</i></b> , 0% to 100%
			11	11	000 - 255	<b><i>Red2</i></b> , 0% to 100%
			12	12	000 - 255	<b><i>Green2</i></b> , 0% to 100%
			13	13	000 - 255	<b><i>Blue2</i></b> , 0% to 100%
			14	14	000 - 255	<b><i>White2</i></b> , 0% to 100%
			15	15	000 - 255	<b><i>Red3</i></b> , 0% to 100%
			16	16	000 - 255	<b><i>Green3</i></b> , 0% to 100%
			17	17	000 - 255	<b><i>Blue3</i></b> , 0% to 100%
			18	18	000 - 255	<b><i>White3</i></b> , 0% to 100%
			19	19	000 - 255	<b><i>Red4</i></b> , 0% to 100%
			20	20	000 - 255	<b><i>Green4</i></b> , 0% to 100%
			21	21	000 - 255	<b><i>Blue4</i></b> , 0% to 100%
			22	22	000 - 255	<b><i>White4</i></b> , 0% to 100%
			23	23	000 - 255	<b><i>Red5</i></b> , 0% to 100%
			24	24	000 - 255	<b><i>Green5</i></b> , 0% to 100%
			25	25	000 - 255	<b><i>Blue5</i></b> , 0% to 100%
			26	26	000 - 255	<b><i>White5</i></b> , 0% to 100%
			27	27	000 - 255	<b><i>Red6</i></b> , 0% to 100%
			28	28	000 - 255	<b><i>Green6</i></b> , 0% to 100%
			29	29	000 - 255	<b><i>Blue6</i></b> , 0% to 100%
			30	30	000 - 255	<b><i>White6</i></b> , 0% to 100%
			3	31	000 - 255	<b><i>Red7</i></b> , 0% to 100%
			32	32	000 - 255	<b><i>Green7</i></b> , 0% to 100%

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CHANNEL					DMX VALUES	FUNCTION		
15CH	17CH	22CH	41CH	46CH				
			33	33	000 - 255	<b>Blue7</b> , 0% to 100%		
			34	34	000 - 255	<b>White7</b> , 0% to 100%		
		11		35	000 - 255	<b>Color Temperature</b> , 2700K to 7000K linear		
		12		36		<b>Chase Patterns</b>		
							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			
		13		37		<b>Chase Speed</b>		
							000 - 125	Backward, fast to slow
							126 - 130	Stop
					131 - 255	Forward, slow to fast		
		14		38	000 - 255	<b>Chase Fade</b>		
9	11	15	35	39		<b>Shutter</b>		
						000 - 031	Shutter Closed	
						032 - 063	Shutter Open	
						064 - 095	Strobe 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					
10	12	16	36	40	000 - 255	<b>Dimmer</b> , 0% to 100%		
11	13	17	37	41	000 - 255	<b>Dimmer Fine</b>		

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CHANNEL					DMX VALUES	FUNCTION
15CH	17CH	22CH	41CH	46CH		
12	14	18	38	42	000 - 255	<b>Zoom</b> , wide to narrow
13	15	39	43	46		<b>Dim Modes (15-, 17-, and 41-channel)</b>
					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
		19	43	46		<b>Dim Modes (22- and 46-channel modes)</b>
					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					
		20	44	46		<b>Dim Curves</b>
					000 - 020	Square
					021 - 040	Linear
					041 - 060	Inv. Squa.
					061 - 080	S. Curve
					081 - 255	No function
14	16	21	40	45	000 - 255	<b>Pan/Tilt Speed</b> , fast to slow
15	17	22	41	46		<b>Special Functions</b>
					000 - 010	Default LED Refresh Rate (1200 Hz)
					011	900 Hz LED Refresh Rate
					012	1000 Hz LED Refresh Rate
					013	1100 Hz LED Refresh Rate
					014	1300 Hz LED Refresh Rate
					015	1400 Hz LED Refresh Rate
					016	1500 Hz LED Refresh Rate
					017	2500 Hz LED Refresh Rate

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## ADJ HYDRO WASH X7 - DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
15CH	17CH	22CH	41CH	46CH		
15	17	22	41	46		<b><i>Special Functions (continued)</i></b>
					018	4000 Hz LED Refresh Rate
					019	5000 Hz LED Refresh Rate
					020	6000 Hz LED Refresh Rate
					021	10,000 Hz LED Refresh Rate
					022	15,000 Hz LED 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					