

<b>ADJ HYDRO WASH X19</b> DMX Channel Values & Functions Supports Software Version ≥ 1.1 Features subject to change without notice *Rotation direction (Clockwise/Counter-Clockwise) and control of effects depends on head orientation and Pan/Tilt settings*				
16 Channels	88 Channels	90 Channels	Values	Functions
1	1	1	000-255	<b>PAN MOVEMENT 8-BIT</b> Pan Movement
2	2	2	000-255	<b>PAN FINE 16-BIT</b> Fine Control of Pan Movement
3	3	3	000-255	<b>TILT MOVEMENT 8-BIT</b> Tilt Movement
4	4	4	000-255	<b>TILT FINE 16-BIT</b> Fine Control of Tilt Movement
				<b>COLORS</b>
			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
			059-060	COLOR 28
			061-063	COLOR 29
			064-127	COLOR INDEXING
			128-189	CLOCKWISE ROTATION FAST-SLOW
			190-193	STOP
			194-255	COUNTER-CLOCKWISE ROTATION SLOW-FAST
		6	000-255	<b>64 COLOR MACROS</b> Please see Color Macro Chart on pages 23-24
5			000-255	<b>RED (ALL) 0%-100%</b>
6			000-255	<b>GREEN (ALL) 0%-100%</b>
7			000-255	<b>BLUE (ALL) 0%-100%</b>
8			000-255	<b>WHITE (ALL) 0%-100%</b>
9	81	7	000-255	<b>COLOR TEMPERATURES</b> Please see Color Temperature Chart on page 25

16 Channels	88 Channels	90 Channels	Values	Functions
	5	8	000-255	<b>RED (1) 0%-100%</b>
	6	9	000-255	<b>GREEN (1) 0%-100%</b>
	7	10	000-255	<b>BLUE (1) 0%-100%</b>
	8	11	000-255	<b>WHITE (1) 0%-100%</b>
	9	12	000-255	<b>RED (2) 0%-100%</b>
	10	13	000-255	<b>GREEN (2) 0%-100%</b>
	11	14	000-255	<b>BLUE (2) 0%-100%</b>
	12	15	000-255	<b>WHITE (2) 0%-100%</b>
	13	16	000-255	<b>RED (3) 0%-100%</b>
	14	17	000-255	<b>GREEN (3) 0%-100%</b>
	15	18	000-255	<b>BLUE (3) 0%-100%</b>
	16	19	000-255	<b>WHITE (3) 0%-100%</b>
	17	20	000-255	<b>RED (4) 0%-100%</b>
	18	21	000-255	<b>GREEN (4) 0%-100%</b>
	19	22	000-255	<b>BLUE (4) 0%-100%</b>
	20	23	000-255	<b>WHITE (4) 0%-100%</b>
	21	24	000-255	<b>RED (5) 0%-100%</b>
	22	25	000-255	<b>GREEN (5) 0%-100%</b>
	23	26	000-255	<b>BLUE (5) 0%-100%</b>
	24	27	000-255	<b>WHITE (5) 0%-100%</b>
	25	28	000-255	<b>RED (6) 0%-100%</b>
	26	29	000-255	<b>GREEN (6) 0%-100%</b>
	27	30	000-255	<b>BLUE (6) 0%-100%</b>
	28	31	000-255	<b>WHITE (6) 0%-100%</b>
	29	32	000-255	<b>RED (7) 0%-100%</b>
	30	33	000-255	<b>GREEN (7) 0%-100%</b>
	31	34	000-255	<b>BLUE (7) 0%-100%</b>
	32	35	000-255	<b>WHITE (7) 0%-100%</b>
	33	36	000-255	<b>RED (8) 0%-100%</b>
	34	37	000-255	<b>GREEN (8) 0%-100%</b>
	35	38	000-255	<b>BLUE (8) 0%-100%</b>
	36	39	000-255	<b>WHITE (8) 0%-100%</b>
	37	40	000-255	<b>RED (9) 0%-100%</b>
	38	41	000-255	<b>GREEN (9) 0%-100%</b>
	39	42	000-255	<b>BLUE (9) 0%-100%</b>
	40	43	000-255	<b>WHITE (9) 0%-100%</b>
	41	44	000-255	<b>RED (10) 0%-100%</b>
	42	45	000-255	<b>GREEN (10) 0%-100%</b>
	43	46	000-255	<b>BLUE (10) 0%-100%</b>
	44	47	000-255	<b>WHITE (10) 0%-100%</b>
	45	48	000-255	<b>RED (11) 0%-100%</b>
	46	49	000-255	<b>GREEN (11) 0%-100%</b>
	47	50	000-255	<b>BLUE (11) 0%-100%</b>
	48	51	000-255	<b>WHITE (11) 0%-100%</b>

16 Channels	88 Channels	90 Channels	Values	Functions
	49	52	000-255	<b>RED (12) 0%-100%</b>
	50	53	000-255	<b>GREEN (12) 0%-100%</b>
	51	54	000-255	<b>BLUE (12) 0%-100%</b>
	52	55	000-255	<b>WHITE (12) 0%-100%</b>
	53	56	000-255	<b>RED (13) 0%-100%</b>
	54	57	000-255	<b>GREEN (13) 0%-100%</b>
	55	58	000-255	<b>BLUE (13) 0%-100%</b>
	56	59	000-255	<b>WHITE (13) 0%-100%</b>
	57	60	000-255	<b>RED (14) 0%-100%</b>
	58	61	000-255	<b>GREEN (14) 0%-100%</b>
	59	62	000-255	<b>BLUE (14) 0%-100%</b>
	60	63	000-255	<b>WHITE (14) 0%-100%</b>
	61	64	000-255	<b>RED (15) 0%-100%</b>
	62	65	000-255	<b>GREEN (15) 0%-100%</b>
	63	66	000-255	<b>BLUE (15) 0%-100%</b>
	64	67	000-255	<b>WHITE (15) 0%-100%</b>
	65	68	000-255	<b>RED (16) 0%-100%</b>
	66	69	000-255	<b>GREEN (16) 0%-100%</b>
	67	70	000-255	<b>BLUE (16) 0%-100%</b>
	68	71	000-255	<b>WHITE (16) 0%-100%</b>
	69	72	000-255	<b>RED (17) 0%-100%</b>
	70	73	000-255	<b>GREEN (17) 0%-100%</b>
	71	74	000-255	<b>BLUE (17) 0%-100%</b>
	72	75	000-255	<b>WHITE (17) 0%-100%</b>
	73	76	000-255	<b>RED (18) 0%-100%</b>
	74	77	000-255	<b>GREEN (18) 0%-100%</b>
	75	78	000-255	<b>BLUE (18) 0%-100%</b>
	76	79	000-255	<b>WHITE (18) 0%-100%</b>
	77	80	000-255	<b>RED (19) 0%-100%</b>
	78	81	000-255	<b>GREEN (19) 0%-100%</b>
	79	82	000-255	<b>BLUE (19) 0%-100%</b>
	80	83	000-255	<b>WHITE (19) 0%-100%</b>
10	82	84		<b>SHUTTER &amp; STROBE</b>
			000-031	SHUTTER CLOSED
			032-063	SHUTTER OPEN
			064-095	STROBE EFFECT SLOW-FAST
			096-127	SHUTTER OPEN
			128-159	PULSE EFFECT IN SEQUENCES
			160-191	SHUTTER OPEN
			192-223	RANDOM STROBE EFFECT SLOW-FAST
224-255	SHUTTER OPEN			

16 Channels	88 Channels	90 Channels	Values	Functions
11	83	85	000-255	<b>DIMMER 0%-100%</b>
12	84	86	000-255	<b>DIMMER FINE 0%-100%</b>
13	85	87	000-255	<b>ZOOM NARROW-WIDE</b>
14	86	88		<b>DIMMER MODES:</b>
			000-020	STANDARD
			021-040	STAGE
			041-060	TV
			061-080	ARCHITECTURAL
			081-100	THEATRE
			101-120	STAGE 2
				<b>DIMMER DELAY TIME</b>
			121	0.1Sec.
			122	0.2Sec.
			123	0.3Sec.
			124	0.4Sec.
			125	0.5Sec.
			126	0.6Sec.
			127	0.7Sec.
			128	0.8Sec.
			129	0.9Sec.
			130	1.0Sec.
			131	1.5Sec.
			132	2.0Sec.
			133	3.0Sec.
			134	4.0Sec.
			135	5.0Sec.
136	6.0Sec.			
137	7.0Sec.			
138	8.0Sec.			
139	9.0Sec.			
140	10Sec.			
141-255	DEFAULT TO UNIT SETTING (STANDARD MODE)			
15	87	89	000-255	<b>PAN/TILT SPEED FAST-SLOW</b>
16	88	90		<b>SPECIAL FUNCTIONS</b>
			000-010	DEFAULT LED REFRESH RATE (1200Hz)
			11	900Hz REFRESH RATE
			12	1000Hz REFRESH RATE
			13	1100Hz REFRESH RATE
			14	1300Hz REFRESH RATE
			15	1400Hz REFRESH RATE
			16	1500Hz REFRESH RATE
			17	2500Hz REFRESH RATE
			18	4000Hz REFRESH RATE
			19	5000Hz REFRESH RATE
			20	6000Hz REFRESH RATE
			21	10000Hz REFRESH RATE
			22	15000Hz REFRESH RATE
			23	DEFAULT TO UNIT SETTING
			024-079	NO FUNCTION
			080-089	ENABLE BLACKOUT W/ PAN/TILT MOVEMENT
			090-099	DISABLE BLACKOUT W/ PAN/TILT MOVEMENT
			100-139	NO FUNCTION
			140-149	PAN/TILT RESET
			150-159	ZOOM RESET
			160-199	NULL
			200-209	ALL RESET
210-239	NULL			
240-255	NO FUNCTION			

Color No.	DMX VAULE	RGBW COLOR INTENSITY			
		RED	GREEN	BLUE	WHITE
OFF	0	0	0	0	0
Color1	1-4	80	255	234	80
Color2	5-8	80	255	164	80
Color3	9-12	77	255	112	77
Color4	13-16	117	255	83	83
Color5	17-20	160	255	77	77
Color6	21-24	223	255	83	83
Color7	25-28	255	243	77	77
Color8	29-32	255	200	74	74
Color9	33-36	255	166	77	77
Color10	37-40	255	125	74	74
Color11	41-44	255	97	77	74
Color12	45-48	255	71	77	71
Color13	49-52	255	83	134	83
Color14	53-56	255	93	182	93
Color15	57-60	255	96	236	96
Color16	61-64	238	93	255	93
Color17	65-68	196	87	255	87
Color18	69-72	150	90	255	90
Color19	73-76	100	77	255	77
Color20	77-80	77	100	255	77
Color21	81-84	67	148	255	67
Color22	85-88	77	195	255	77
Color23	89-92	77	234	255	77
Color24	93-96	158	255	144	144
Color25	97-100	255	251	153	153
Color26	101-104	255	175	147	147
Color27	105-108	255	138	186	138
Color28	109-112	255	147	251	147
Color29	113-116	151	138	255	138
Color30	117-120	99	0	255	100
Color31	121-124	138	169	255	138
Color32	125-128	255	255	255	255

Color No.	DMX VAULE	RGBW COLOR INTENSITY			
		RED	GREEN	BLUE	WHITE
Color33	129-132	255	206	143	0
Color34	133-136	254	177	153	0
Color35	137-140	254	192	138	0
Color36	141-144	254	165	98	0
Color37	145-148	254	121	0	0
Color38	149-152	176	17	0	0
Color39	153-156	96	0	11	0
Color40	157-160	234	139	171	0
Color41	161-164	224	5	97	0
Color42	165-168	175	77	173	0
Color43	169-172	119	130	199	0
Color44	173-176	147	164	212	0
Color45	177-180	88	2	163	0
Color46	181-184	0	38	86	0
Color47	185-188	0	142	208	0
Color48	189-192	52	148	209	0
Color49	193-196	1	134	201	0
Color50	197-200	0	145	212	0
Color51	201-204	0	121	192	0
Color52	205-208	0	129	184	0
Color53	209-212	0	83	115	0
Color54	213-216	0	97	166	0
Color55	217-220	1	100	167	0
Color56	221-224	0	40	86	0
Color57	225-228	209	219	182	0
Color58	229-232	42	165	85	0
Color59	233-236	0	46	35	0
Color60	237-240	8	107	222	0
Color61	241-244	255	0	0	0
Color62	245-248	0	255	0	0
Color63	249-252	0	0	255	0
Color64	253-255	0	0	0	255

<b>DMX VALUES</b>	<b>TEMPERATURE</b>
000-035	OFF
036-040	2700K
041-045	2800K
046-050	2900K
051-055	3000K
056-060	3100K
061-065	3200K
066-070	3300K
071-075	3400K
076-080	3500K
081-085	3600K
086-090	3700K
091-095	3800K
096-100	3900K
101-105	4000K
106-110	4100K
111-115	4200K
116-120	4300K
121-125	4400K
126-130	4500K
131-135	4600K
136-140	4700K
141-145	4800K
146-150	4900K
151-155	5000K
156-160	5100K
161-165	5200K
166-170	5300K
171-175	5400K
176-180	5500K
181-185	5600K
186-190	5700K
191-195	5800K
196-200	5900K
201-205	6000K
206-210	6100K
211-215	6200K
216-220	6300K
221-225	6400K
226-230	6500K
231-235	6600K
236-240	6700K
241-245	6800K
246-250	6900K
251-255	7000K