

# OTOS® W6

IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



12CH Dual	22CH Dual						
Channel	Channel	Function	Values			Sub-group	
1	1	Pan	000	-	255	0% to 100%	Pan
2	2	Pan fine	000	-	255		
3	3	Tilt	000	-	255	0% to 100%	Tilt
4	4	Tilt fine	000	-	255		
5	5	Dimmer (Segment 1 & 2)	000	-	255	0% to 100%	Dimmer
6	6	Dimmer fine (Segment 1 & 2)	000	-	255		
7	7	Strobe Functions (Segment 1 & 2)	000	-	005	Open	Multi-functional Strobe
			006	-	010	Closed	
			011	-	022	Ramp up/down slow to fast	
			023	-	033	Ramp up/down random slow to fast	
			034	-	045	Ramp up slow to fast	
			046	-	056	Ramp up random slow to fast	
			057	-	068	Ramp down slow to fast	
			069	-	079	Ramp down random slow to fast	
			080	-	102	Random Strobe effect slow to fast	
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
251	-	255	Open				
	8	Red	000	-	255	0% to 100%	Additive Color Mixing
	9	Green	000	-	255	0% to 100%	
	10	Blue	000	-	255	0% to 100%	
	11	Lime	000	-	255	0% to 100%	

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	12	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT
			006 - 006	Warm white	
			007 - 046	Warm white to 2700K	
			047 - 047	Bulb White (2700K)	
			048 - 087	2700K to 3200K	
			088 - 088	Halogen White (3200K)	
			089 - 128	3200K to 4000K	
			129 - 129	Neutral White (4000K)	
			130 - 169	4000K to 5600K	
			170 - 170	Studio White (5600K)	
			171 - 210	5600K to 6500K	
			211 - 211	Daylight White (6500K)	
			212 - 251	6500K to Cold white	
			252 - 255	Cold white	
	13	Tint (affects Color Temperature)	000 - 000	Off	Tint
			001 - 127	Magenta -> Neutral	
			128 - 128	neutral	
			129 - 255	Neutral -> Green	
8	14	Ring Dimmer	000 - 255	0% to 100%	
	15	Ring Red	000 - 255	0% to 100%	
	16	Ring Green	000 - 255	0% to 100%	
	17	Ring Blue	000 - 255	0% to 100%	
9	18	Ring Strobe	000 - 005	Open	
			006 - 010	Closed	
			011 - 022	Ramp up/down slow to fast	
			023 - 033	Ramp up/down random slow to fast	
			034 - 045	Ramp up slow to fast	
			046 - 056	Ramp up random slow to fast	
			057 - 068	Ramp down slow to fast	
			069 - 079	Ramp down random slow to fast	
			080 - 102	Random Strobe effect slow to fast	
			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	

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9	18	Ring Strobe	128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
			251 - 255	Open	
10	19	Zoom (Segment 1)	000 - 255	Narrow to Wide	Zoom 1
11	20	Zoom (Segment 2)	000 - 255	Narrow to Wide	Zoom 2
	21	LED Control Crossfade	000 - 005	Pixel controlled by channels 8 to 11 and 15 to 17	
			006 - 249	Linear Crossfade to second input	
			250 - 255	Pixel controlled by second protocol	
12	22	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Blackout
			006 - 007	Blackout while P/T moving On	
			008 - 009	Blackout while P/T moving Off	
			010 - 017	No function	Energy Saving
			018 - 019	Sleep Mode On	
			020 - 021	Sleep Mode Off/Wake Up	User Colors
			022 - 024	No function	
			025 - 025	Record User Scene 1	
			026 - 026	Record User Scene 2	
			027 - 027	Record User Scene 3	
			028 - 028	Record User Scene 4	
			029 - 029	Record User Scene 5	
			030 - 030	Record User Scene 6	
			031 - 031	Record User Scene 7	Movement
			032 - 032	Record User Scene 8	
			033 - 041	No function	
			042 - 043	Invert Pan On	
			044 - 045	Invert Pan Off	
			046 - 047	Invert Tilt On	
048 - 049	Invert Tilt Off				
050 - 051	Pan Angle 540°				
052 - 053	Pan Angle 630°				
054 - 057	No Function				

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12	22	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	058 - 059	Pixel Mirroring Off	Pixel Mirroring
			060 - 061	Pixel Mirroring Horizontal	
			062 - 063	Pixel Mirroring Vertical	
			064 - 065	Pixel Mirroring Horizontal + Vertical	
			066 - 073	No function	Dimming
			074 - 075	Dimmer Response LED	
			076 - 077	Dimmer Response Halogen	
			078 - 081	No function	
			082 - 083	DTW (Redshift) On	
			084 - 085	DTW (Redshift) Off	
			086 - 093	No function	Noise Functions
			094 - 095	Silent movement On	
			096 - 097	Silent movement Off	
			098 - 099	Fan Auto	
			100 - 101	Fan Off	
			102 - 103	Fan Constant Low	
			104 - 105	Fan Constant Medium	PWM Frequency
			106 - 107	Fan Constant High	
			108 - 119	No function	
			120 - 121	PWM 1 (650 Hz)	
			122 - 123	PWM 2 (1530 Hz)	
			124 - 125	PWM 3 (3600 Hz)	
			126 - 127	PWM 4 (12000 Hz)	Color Calibration
			128 - 129	PWM 5 (18900 Hz)	
			130 - 131	PWM 6 (25000 Hz)	
			132 - 135	No function	Display Functions
			136 - 137	User Calibration	
			138 - 139	Smart Calibration	
140 - 141	Display Always On	Dimmer Curve			
142 - 143	Display Off after 20s				
144 - 163	No function				
164 - 165	Dimmer Curve Linear				
166 - 167	Dimmer Curve Exponential	Dimmer Curve			
168 - 169	Dimmer Curve Logarithmic				
170 - 171	Dimmer Curve S-Curve				
172 - 221	No function				

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12	22	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	222	-	223	Reset Pan / Tilt	Reset			
			224	-	233	No function				
			234	-	235	Reset Head				
			236	-	237	Reset All				
						238	-	239	No function	
						240	-	241	Load Factory Defaults	Load Default
						242	-	243	Load Factory Defaults (without User Scenes & Loops)	
						244	-	245	Load User Default A	
						246	-	247	Load User Default B	
						248	-	249	Load User Default C	
			250	-	255	No function				
13	23	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1			
14	24	Green 1	000	-	255	0% to 100%				
15	25	Blue 1	000	-	255	0% to 100%				
16	26	Lime 1	000	-	255	0% to 100%				
17	27	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2			
18	28	Green 2	000	-	255	0% to 100%				
19	29	Blue 2	000	-	255	0% to 100%				
20	30	Lime 2	000	-	255	0% to 100%				
21	31	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3			
22	32	Green 3	000	-	255	0% to 100%				
23	33	Blue 3	000	-	255	0% to 100%				
24	34	Lime 3	000	-	255	0% to 100%				
25	35	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4			
26	36	Green 4	000	-	255	0% to 100%				
27	37	Blue 4	000	-	255	0% to 100%				
28	38	Lime 4	000	-	255	0% to 100%				
29	39	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5			
30	40	Green 5	000	-	255	0% to 100%				
31	41	Blue 5	000	-	255	0% to 100%				
32	42	Lime 5	000	-	255	0% to 100%				
33	43	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6			
34	44	Green 6	000	-	255	0% to 100%				
35	45	Blue 6	000	-	255	0% to 100%				
36	46	Lime 6	000	-	255	0% to 100%				

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37	47	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7
38	48	Green 7	000	-	255	0% to 100%	
39	49	Blue 7	000	-	255	0% to 100%	
40	50	Lime 7	000	-	255	0% to 100%	
41	51	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
42	52	Green 8	000	-	255	0% to 100%	
43	53	Blue 8	000	-	255	0% to 100%	
44	54	Lime 8	000	-	255	0% to 100%	
45	55	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
46	56	Green 9	000	-	255	0% to 100%	
47	57	Blue 9	000	-	255	0% to 100%	
48	58	Lime 9	000	-	255	0% to 100%	
49	59	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
50	60	Green 10	000	-	255	0% to 100%	
51	61	Blue 10	000	-	255	0% to 100%	
52	62	Lime 10	000	-	255	0% to 100%	
53	63	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
54	64	Green 11	000	-	255	0% to 100%	
55	65	Blue 11	000	-	255	0% to 100%	
56	66	Lime 11	000	-	255	0% to 100%	
57	67	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
58	68	Green 12	000	-	255	0% to 100%	
59	69	Blue 12	000	-	255	0% to 100%	
60	70	Lime 12	000	-	255	0% to 100%	
61	71	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
62	72	Green 13	000	-	255	0% to 100%	
63	73	Blue 13	000	-	255	0% to 100%	
64	74	Lime 13	000	-	255	0% to 100%	
65	75	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
66	76	Green 14	000	-	255	0% to 100%	
67	77	Blue 14	000	-	255	0% to 100%	
68	78	Lime 14	000	-	255	0% to 100%	
69	79	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
70	80	Green 15	000	-	255	0% to 100%	
71	81	Blue 15	000	-	255	0% to 100%	
72	82	Lime 15	000	-	255	0% to 100%	

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73	83	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
74	84	Green 16	000	-	255	0% to 100%	
75	85	Blue 16	000	-	255	0% to 100%	
76	86	Lime 16	000	-	255	0% to 100%	
77	87	Ring Red 1	000	-	255	0% to 100%	Ring Pixel 1
78	88	Ring Green 1	000	-	255	0% to 100%	
79	89	Ring Blue 1	000	-	255	0% to 100%	
80	90	Ring Red 2	000	-	255	0% to 100%	Ring Pixel 2
81	91	Ring Green 2	000	-	255	0% to 100%	
82	92	Ring Blue 2	000	-	255	0% to 100%	
83	93	Ring Red 3	000	-	255	0% to 100%	Ring Pixel 3
84	94	Ring Green 3	000	-	255	0% to 100%	
85	95	Ring Blue 3	000	-	255	0% to 100%	
86	96	Ring Red 4	000	-	255	0% to 100%	Ring Pixel 4
87	97	Ring Green 4	000	-	255	0% to 100%	
88	98	Ring Blue 4	000	-	255	0% to 100%	
89	99	Ring Red 5	000	-	255	0% to 100%	Ring Pixel 5
90	100	Ring Green 5	000	-	255	0% to 100%	
91	101	Ring Blue 5	000	-	255	0% to 100%	
92	102	Ring Red 6	000	-	255	0% to 100%	Ring Pixel 6
93	103	Ring Green 6	000	-	255	0% to 100%	
94	104	Ring Blue 6	000	-	255	0% to 100%	
95	105	Ring Red 7	000	-	255	0% to 100%	Ring Pixel 7
96	106	Ring Green 7	000	-	255	0% to 100%	
97	107	Ring Blue 7	000	-	255	0% to 100%	
98	108	Ring Red 8	000	-	255	0% to 100%	Ring Pixel 8
99	109	Ring Green 8	000	-	255	0% to 100%	
100	110	Ring Blue 8	000	-	255	0% to 100%	
101	111	Ring Red 9	000	-	255	0% to 100%	Ring Pixel 9
102	112	Ring Green 9	000	-	255	0% to 100%	
103	113	Ring Blue 9	000	-	255	0% to 100%	
104	114	Ring Red 10	000	-	255	0% to 100%	Ring Pixel 10
105	115	Ring Green 10	000	-	255	0% to 100%	
106	116	Ring Blue 10	000	-	255	0% to 100%	
107	117	Ring Red 11	000	-	255	0% to 100%	Ring Pixel 11
108	118	Ring Green 11	000	-	255	0% to 100%	
109	119	Ring Blue 11	000	-	255	0% to 100%	

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110	120	Ring Red 12	000	-	255	0% to 100%	Ring Pixel 12
111	121	Ring Green 12	000	-	255	0% to 100%	
112	122	Ring Blue 12	000	-	255	0% to 100%	
113	123	Ring Red 13	000	-	255	0% to 100%	Ring Pixel 13
114	124	Ring Green 13	000	-	255	0% to 100%	
115	125	Ring Blue 13	000	-	255	0% to 100%	
116	126	Ring Red 14	000	-	255	0% to 100%	Ring Pixel 14
117	127	Ring Green 14	000	-	255	0% to 100%	
118	128	Ring Blue 14	000	-	255	0% to 100%	
119	129	Ring Red 15	000	-	255	0% to 100%	Ring Pixel 15
120	130	Ring Green 15	000	-	255	0% to 100%	
121	131	Ring Blue 15	000	-	255	0% to 100%	
122	132	Ring Red 16	000	-	255	0% to 100%	Ring Pixel 16
123	133	Ring Green 16	000	-	255	0% to 100%	
124	134	Ring Blue 16	000	-	255	0% to 100%	
125	135	Ring Red 17	000	-	255	0% to 100%	Ring Pixel 17
126	136	Ring Green 17	000	-	255	0% to 100%	
127	137	Ring Blue 17	000	-	255	0% to 100%	
128	138	Ring Red 18	000	-	255	0% to 100%	Ring Pixel 18
129	139	Ring Green 18	000	-	255	0% to 100%	
130	140	Ring Blue 18	000	-	255	0% to 100%	
131	141	Ring Red 19	000	-	255	0% to 100%	Ring Pixel 19
132	142	Ring Green 19	000	-	255	0% to 100%	
133	143	Ring Blue 19	000	-	255	0% to 100%	
134	144	Ring Red 20	000	-	255	0% to 100%	Ring Pixel 20
135	145	Ring Green 20	000	-	255	0% to 100%	
136	146	Ring Blue 20	000	-	255	0% to 100%	
137	147	Ring Red 21	000	-	255	0% to 100%	Ring Pixel 21
138	148	Ring Green 21	000	-	255	0% to 100%	
139	149	Ring Blue 21	000	-	255	0% to 100%	
140	150	Ring Red 22	000	-	255	0% to 100%	Ring Pixel 22
141	151	Ring Green 22	000	-	255	0% to 100%	
142	152	Ring Blue 22	000	-	255	0% to 100%	
143	153	Ring Red 23	000	-	255	0% to 100%	Ring Pixel 23
144	154	Ring Green 23	000	-	255	0% to 100%	
145	155	Ring Blue 23	000	-	255	0% to 100%	



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146	156	Ring Red 24	000	-	255	0% to 100%	Ring Pixel 24
147	157	Ring Green 24	000	-	255	0% to 100%	
148	158	Ring Blue 24	000	-	255	0% to 100%	
149	159	Ring Red 25	000	-	255	0% to 100%	Ring Pixel 25
150	160	Ring Green 25	000	-	255	0% to 100%	
151	161	Ring Blue 25	000	-	255	0% to 100%	
152	162	Ring Red 26	000	-	255	0% to 100%	Ring Pixel 26
153	163	Ring Green 26	000	-	255	0% to 100%	
154	164	Ring Blue 26	000	-	255	0% to 100%	
155	165	Ring Red 27	000	-	255	0% to 100%	Ring Pixel 27
156	166	Ring Green 27	000	-	255	0% to 100%	
157	167	Ring Blue 27	000	-	255	0% to 100%	
158	168	Ring Red 28	000	-	255	0% to 100%	Ring Pixel 28
159	169	Ring Green 28	000	-	255	0% to 100%	
160	170	Ring Blue 28	000	-	255	0% to 100%	
161	171	Ring Red 29	000	-	255	0% to 100%	Ring Pixel 29
162	172	Ring Green 29	000	-	255	0% to 100%	
163	173	Ring Blue 29	000	-	255	0% to 100%	
164	174	Ring Red 30	000	-	255	0% to 100%	Ring Pixel 30
165	175	Ring Green 30	000	-	255	0% to 100%	
166	176	Ring Blue 30	000	-	255	0% to 100%	
167	177	Ring Red 31	000	-	255	0% to 100%	Ring Pixel 31
168	178	Ring Green 31	000	-	255	0% to 100%	
169	179	Ring Blue 31	000	-	255	0% to 100%	
170	180	Ring Red 32	000	-	255	0% to 100%	Ring Pixel 32
171	181	Ring Green 32	000	-	255	0% to 100%	
172	182	Ring Blue 32	000	-	255	0% to 100%	
173	183	Ring Red 33	000	-	255	0% to 100%	Ring Pixel 33
174	184	Ring Green 33	000	-	255	0% to 100%	
175	185	Ring Blue 33	000	-	255	0% to 100%	
176	186	Ring Red 34	000	-	255	0% to 100%	Ring Pixel 34
177	187	Ring Green 34	000	-	255	0% to 100%	
178	188	Ring Blue 34	000	-	255	0% to 100%	
179	189	Ring Red 35	000	-	255	0% to 100%	Ring Pixel 35
180	190	Ring Green 35	000	-	255	0% to 100%	
181	191	Ring Blue 35	000	-	255	0% to 100%	

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182	192	Ring Red 36	000	-	255	0% to 100%	Ring Pixel 36
183	193	Ring Green 36	000	-	255	0% to 100%	
184	194	Ring Blue 36	000	-	255	0% to 100%	
185	195	Ring Red 37	000	-	255	0% to 100%	Ring Pixel 37
186	196	Ring Green 37	000	-	255	0% to 100%	
187	197	Ring Blue 37	000	-	255	0% to 100%	
188	198	Ring Red 38	000	-	255	0% to 100%	Ring Pixel 38
189	199	Ring Green 38	000	-	255	0% to 100%	
190	200	Ring Blue 38	000	-	255	0% to 100%	
191	201	Ring Red 39	000	-	255	0% to 100%	Ring Pixel 39
192	202	Ring Green 39	000	-	255	0% to 100%	
193	203	Ring Blue 39	000	-	255	0% to 100%	
194	204	Ring Red 40	000	-	255	0% to 100%	Ring Pixel 40
195	205	Ring Green 40	000	-	255	0% to 100%	
196	206	Ring Blue 40	000	-	255	0% to 100%	
197	207	Ring Red 41	000	-	255	0% to 100%	Ring Pixel 41
198	208	Ring Green 41	000	-	255	0% to 100%	
199	209	Ring Blue 41	000	-	255	0% to 100%	
200	210	Ring Red 42	000	-	255	0% to 100%	Ring Pixel 42
201	211	Ring Green 42	000	-	255	0% to 100%	
202	212	Ring Blue 42	000	-	255	0% to 100%	
203	213	Ring Red 43	000	-	255	0% to 100%	Ring Pixel 43
204	214	Ring Green 43	000	-	255	0% to 100%	
205	215	Ring Blue 43	000	-	255	0% to 100%	
206	216	Ring Red 44	000	-	255	0% to 100%	Ring Pixel 44
207	217	Ring Green 44	000	-	255	0% to 100%	
208	218	Ring Blue 44	000	-	255	0% to 100%	
209	219	Ring Red 45	000	-	255	0% to 100%	Ring Pixel 45
210	220	Ring Green 45	000	-	255	0% to 100%	
211	221	Ring Blue 45	000	-	255	0% to 100%	
212	222	Ring Red 46	000	-	255	0% to 100%	Ring Pixel 46
213	223	Ring Green 46	000	-	255	0% to 100%	
214	224	Ring Blue 46	000	-	255	0% to 100%	
215	225	Ring Red 47	000	-	255	0% to 100%	Ring Pixel 47
216	226	Ring Green 47	000	-	255	0% to 100%	
217	227	Ring Blue 47	000	-	255	0% to 100%	

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218	228	Ring Red 48	000	-	255	0% to 100%	Ring Pixel 48
219	229	Ring Green 48	000	-	255	0% to 100%	
220	230	Ring Blue 48	000	-	255	0% to 100%	
221	231	Ring Red 49	000	-	255	0% to 100%	Ring Pixel 49
222	232	Ring Green 49	000	-	255	0% to 100%	
223	233	Ring Blue 49	000	-	255	0% to 100%	
224	234	Ring Red 50	000	-	255	0% to 100%	Ring Pixel 50
225	235	Ring Green 50	000	-	255	0% to 100%	
226	236	Ring Blue 50	000	-	255	0% to 100%	
227	237	Ring Red 51	000	-	255	0% to 100%	Ring Pixel 51
228	238	Ring Green 51	000	-	255	0% to 100%	
229	239	Ring Blue 51	000	-	255	0% to 100%	
230	240	Ring Red 52	000	-	255	0% to 100%	Ring Pixel 52
231	241	Ring Green 52	000	-	255	0% to 100%	
232	242	Ring Blue 52	000	-	255	0% to 100%	
233	243	Ring Red 53	000	-	255	0% to 100%	Ring Pixel 53
234	244	Ring Green 53	000	-	255	0% to 100%	
235	245	Ring Blue 53	000	-	255	0% to 100%	
236	246	Ring Red 54	000	-	255	0% to 100%	Ring Pixel 54
237	247	Ring Green 54	000	-	255	0% to 100%	
238	248	Ring Blue 54	000	-	255	0% to 100%	
239	249	Ring Red 55	000	-	255	0% to 100%	Ring Pixel 55
240	250	Ring Green 55	000	-	255	0% to 100%	
241	251	Ring Blue 55	000	-	255	0% to 100%	
242	252	Ring Red 56	000	-	255	0% to 100%	Ring Pixel 56
243	253	Ring Green 56	000	-	255	0% to 100%	
244	254	Ring Blue 56	000	-	255	0% to 100%	
245	255	Ring Red 57	000	-	255	0% to 100%	Ring Pixel 57
246	256	Ring Green 57	000	-	255	0% to 100%	
247	257	Ring Blue 57	000	-	255	0% to 100%	
248	258	Ring Red 58	000	-	255	0% to 100%	Ring Pixel 58
249	259	Ring Green 58	000	-	255	0% to 100%	
250	260	Ring Blue 58	000	-	255	0% to 100%	
251	261	Ring Red 59	000	-	255	0% to 100%	Ring Pixel 59
252	262	Ring Green 59	000	-	255	0% to 100%	
253	263	Ring Blue 59	000	-	255	0% to 100%	

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254	264	Ring Red 60	000	-	255	0% to 100%	Ring Pixel 60
255	265	Ring Green 60	000	-	255	0% to 100%	
256	266	Ring Blue 60	000	-	255	0% to 100%	
257	267	Ring Red 61	000	-	255	0% to 100%	Ring Pixel 61
258	268	Ring Green 61	000	-	255	0% to 100%	
259	269	Ring Blue 61	000	-	255	0% to 100%	
260	270	Ring Red 62	000	-	255	0% to 100%	Ring Pixel 62
261	271	Ring Green 62	000	-	255	0% to 100%	
262	272	Ring Blue 62	000	-	255	0% to 100%	
263	273	Ring Red 63	000	-	255	0% to 100%	Ring Pixel 63
264	274	Ring Green 63	000	-	255	0% to 100%	
265	275	Ring Blue 63	000	-	255	0% to 100%	
266	276	Ring Red 64	000	-	255	0% to 100%	Ring Pixel 64
267	277	Ring Green 64	000	-	255	0% to 100%	
268	278	Ring Blue 64	000	-	255	0% to 100%	
269	279	Ring Red 65	000	-	255	0% to 100%	Ring Pixel 65
270	280	Ring Green 65	000	-	255	0% to 100%	
271	281	Ring Blue 65	000	-	255	0% to 100%	
272	282	Ring Red 66	000	-	255	0% to 100%	Ring Pixel 66
273	283	Ring Green 66	000	-	255	0% to 100%	
274	284	Ring Blue 66	000	-	255	0% to 100%	
275	285	Ring Red 67	000	-	255	0% to 100%	Ring Pixel 67
276	286	Ring Green 67	000	-	255	0% to 100%	
277	287	Ring Blue 67	000	-	255	0% to 100%	
278	288	Ring Red 68	000	-	255	0% to 100%	Ring Pixel 68
279	289	Ring Green 68	000	-	255	0% to 100%	
280	290	Ring Blue 68	000	-	255	0% to 100%	

22CH HSI Wash	39CH HSI Pattern	Function	Values				Sub-group
1	1	Pan	000	-	255	0% to 100%	Pan
2	2	Pan fine	000	-	255		
3	3	Tilt	000	-	255	0% to 100%	Tilt
4	4	Tilt fine	000	-	255		

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



5	5	Dimmer (Segment 1 & 2)	000	-	255	0% to 100%	Dimmer
6	6	Dimmer fine (Segment 1 & 2)	000	-	255		
7	7	Strobe Functions (Segment 1 & 2)	000	-	005	Open	Multi-functional Strobe
			006	-	010	Closed	
			011	-	022	Ramp up/down slow to fast	
			023	-	033	Ramp up/down random slow to fast	
			034	-	045	Ramp up slow to fast	
			046	-	056	Ramp up random slow to fast	
			057	-	068	Ramp down slow to fast	
			069	-	079	Ramp down random slow to fast	
			080	-	102	Random Strobe effect slow to fast	
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
			251	-	255	Open	
8	8	Hue	000	-	255	0° (Red) to 360°	HSI
9	9	Hue Fine	000	-	255		
10	10	Saturation	000	-	255		
11	11	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT
			006	-	006	Warm white	
			007	-	046	Warm white to 2700K	
			047	-	047	Bulb White (2700K)	
			048	-	087	2700K to 3200K	
			088	-	088	Halogen White (3200K)	
			089	-	128	3200K to 4000K	
			129	-	129	Neutral White (4000K)	
			130	-	169	4000K to 5600K	
			170	-	170	Studio White (5600K)	
			171	-	210	5600K to 6500K	
			211	-	211	Daylight White (6500K)	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



11	11	Color Temperature (affects Color Mixing)	212 - 251	6500K to Cold white	CCT
			252 - 255	Cold white	
12	12	Tint (affects Color Temperature)	000 - 000	Off	Tint
			001 - 127	Magenta -> Neutral	
			128 - 128	neutral	
			129 - 255	Neutral -> Green	
13	13	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function	Color
			006 - 009	46 Dark Magenta	
			010 - 013	29 Plasa Red	
			014 - 017	26 Bright Red	
			018 - 021	127 Smokey Pink	
			022 - 025	36 Medium Pink	
			026 - 029	19 Fire	
			030 - 033	135 Deep Golden Amber	
			034 - 037	778 Millennium Gold	
			038 - 041	21 Gold Amber	
			042 - 045	157 Pink	
			046 - 049	110 Middle Rose	
			050 - 053	109 Light Salmon	
			054 - 057	35 Light Pink	
			058 - 061	134 Golden Amber	
			062 - 065	17 Surprise Peach	
			066 - 069	746 Brown	
			070 - 073	105 Orange	
			074 - 077	20 Medium Amber	
			078 - 081	768 Egg Yolk Yellow	
			082 - 085	15 Deep Straw	
			086 - 089	767 Nectarine	
			090 - 093	101 Yellow	
			094 - 097	100 Spring Yellow	
098 - 101	88 Lime Green				
102 - 105	121 LEE Green				
106 - 109	738 Jas Green				
110 - 113	89 Moss Green				
114 - 117	139 Primary Green				
118 - 121	124 Dark Green				

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



13	13	Color Presets (override Color Mixing & Color Temperature)	122 - 125	323 Jade	Color
			126 - 129	354 Special Steel Blue	
			130 - 133	116 Medium Blue-Green	
			134 - 137	183 Moonlight Blue	
			138 - 141	132 Medium Blue	
			142 - 145	119 Dark Blue	
			146 - 149	716 Mikkell Blue	
			150 - 153	71 Tokyo Blue	
			154 - 157	181 Congo Blue	
			158 - 161	799 Special KH Lavender	
			162 - 165	707 Ultimate Violet	
			166 - 169	343 Special Medium Lavender	
			170 - 173	798 Chrysalis Pink	
			174 - 177	701 Provence	
			178 - 181	797 Deep Purple	
			182 - 185	48 Rose Purple	
			186 - 189	345 Fuchsia Pink	
			190 - 193	795 Magical Magenta	
			194 - 197	128 Bright Pink	
			198 - 201	2 Rose Pink	
			202 - 207	User Color 1	
			208 - 213	User Color 2	
			214 - 219	User Color 3	
			220 - 225	User Color 4	
			226 - 231	User Color 5	
			232 - 237	User Color 6	
238 - 243	User Color 7				
244 - 249	User Color 8				
250 - 255	No function				
14	14	Color Crossfade (affects HSI, CCT and Color Presets)	000 - 005	0s (Off)	
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



15	15	Ring Dimmer	000 - 255	0% to 100%
16	16	Ring Red	000 - 255	0% to 100%
17	17	Ring Green	000 - 255	0% to 100%
18	18	Ring Blue	000 - 255	0% to 100%
19	19	Ring Strobe	000 - 005	Open
			006 - 010	Closed
			011 - 022	Ramp up/down slow to fast
			023 - 033	Ramp up/down random slow to fast
			034 - 045	Ramp up slow to fast
			046 - 056	Ramp up random slow to fast
			057 - 068	Ramp down slow to fast
			069 - 079	Ramp down random slow to fast
			080 - 102	Random Strobe effect slow to fast
			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
			128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open			
20	20	Ring Pattern Selection	000 - 005	Off
			006 - 026	1
			027 - 047	2
			048 - 068	3
			069 - 089	4
			090 - 110	5
			111 - 131	6
			132 - 152	7
			153 - 173	8
			174 - 194	9
			195 - 215	10
			216 - 236	11
			237 - 255	12



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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	21	Ring Pattern Speed	000 - 005	Ring Pattern Speed Stop	
			006 - 063	Ring Pattern Speed slow to fast (Chase)	
			064 - 127	Ring Pattern Speed fast to slow (Chase) (backwards)	
			128 - 127	Ring Pattern Speed slow to fast (Fade)	
			192 - 255	Ring Pattern Speed fast to slow (Fade) (backwards)	
	22	Pattern Folder	000 - 005	Off	
			006 - 064	Static Pattern 1	
			065 - 128	Static Pattern 2	
			129 - 192	Effect Pattern 1	
			193 - 255	Effect Pattern 2	
	23	Pattern Selection	000 - 005	Off	Pattern
			006 - 009	1	
			010 - 013	2	
			014 - 017	3	
			018 - 021	4	
			022 - 025	5	
			026 - 029	6	
			030 - 033	7	
			034 - 037	8	
			038 - 041	9	
			042 - 045	10	
			046 - 229	11 to 49	
230 - 255	50				
	24	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	
			006 - 127	Effect Pattern Speed slow to fast	
			128 - 255	Effect Pattern Speed fast to slow (backwards)	
	25	Pattern Transition	000 - 005	0s (Off)	
			006 - 255	0,1s to 5s	
	26	Pattern Fade/ Wake Effect	000 - 005	off	
			006 - 127	Fade 0% to 100%	
			128 - 255	Wake 0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	27	Background Dimmer	000	-	255	0% to 100%	Back-ground Dimmer
	28	Background Dimmer fine	000	-	255		
	29	Background Strobe	000	-	005	Open	Back-ground Strobe
			006	-	010	Closed	
			011	-	022	Ramp up/down slow to fast	
			023	-	033	Ramp up/down random slow to fast	
			034	-	045	Ramp up slow to fast	
			046	-	056	Ramp up random slow to fast	
			057	-	068	Ramp down slow to fast	
			069	-	079	Ramp down random slow to fast	
			080	-	102	Random Strobe effect slow to fast	
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
			251	-	255	Open	
	30	Background Hue	000	-	255	0° (Red) to 360°	
	31	Background Hue fine	000	-	255		
	32	Background Saturation	000	-	255	0% (White) to 100% (Color)	
	33	Background Color Temperature (affects Background Color Mixing)	000	-	005	Off	
			006	-	006	Warm white	
			007	-	046	Warm white to 2700K	
			047	-	047	Bulb White (2700K)	
			048	-	087	2700K to 3200K	
			088	-	088	Halogen White (3200K)	
			089	-	128	3200K to 4000K	
			129	-	129	Neutral White (4000K)	
			130	-	169	4000K to 5600K	
			170	-	170	Studio White (5600K)	
			171	-	210	5600K to 6500K	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	33	Background Color Temperature (affects Background Color Mixing)	211 - 211	Daylight White (6500K)
			212 - 251	6500K to Cold white
			252 - 255	Cold white
	34	Background Tint (affects Background Color Temperature)	000 - 000	Off
			001 - 127	Magenta -> Neutral
			128 - 128	neutral
			129 - 255	Neutral -> Green
	35	Background Color Presets (override Background Color Mixing & Color Temperature)	000 - 005	No function
			006 - 009	46 Dark Magenta
			010 - 013	29 Plasa Red
			014 - 017	26 Bright Red
			018 - 021	127 Smokey Pink
			022 - 025	36 Medium Pink
			026 - 029	19 Fire
			030 - 033	135 Deep Golden Amber
			034 - 037	778 Millennium Gold
			038 - 041	21 Gold Amber
			042 - 045	157 Pink
			046 - 049	110 Middle Rose
			050 - 053	109 Light Salmon
			054 - 057	35 Light Pink
			058 - 061	134 Golden Amber
			062 - 065	17 Surprise Peach
			066 - 069	746 Brown
			070 - 073	105 Orange
			074 - 077	20 Medium Amber
			078 - 081	768 Egg Yolk Yellow
			082 - 085	15 Deep Straw
			086 - 089	767 Nectarine
			090 - 093	101 Yellow
			094 - 097	100 Spring Yellow
098 - 101	88 Lime Green			
102 - 105	121 LEE Green			
106 - 109	738 Jas Green			

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



35	Background Color Presets (override Background Color Mixing & Color Temperature)	110 - 113	89 Moss Green
		114 - 117	139 Primary Green
		118 - 121	124 Dark Green
		122 - 125	323 Jade
		126 - 129	354 Special Steel Blue
		130 - 133	116 Medium Blue-Green
		134 - 137	183 Moonlight Blue
		138 - 141	132 Medium Blue
		142 - 145	119 Dark Blue
		146 - 149	716 Mikkell Blue
		150 - 153	71 Tokyo Blue
		154 - 157	181 Congo Blue
		158 - 161	799 Special KH Lavender
		162 - 165	707 Ultimate Violet
		166 - 169	343 Special Medium Lavender
		170 - 173	798 Chrysalis Pink
		174 - 177	701 Provence
		178 - 181	797 Deep Purple
		182 - 185	48 Rose Purple
		186 - 189	345 Fuchsia Pink
		190 - 193	795 Magical Magenta
		194 - 197	128 Bright Pink
		198 - 201	2 Rose Pink
		202 - 207	User Color 1
		208 - 213	User Color 2
		214 - 219	User Color 3
		220 - 225	User Color 4
		226 - 231	User Color 5
		232 - 237	User Color 6
		238 - 243	User Color 7
244 - 249	User Color 8		
250 - 255	No function		

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	36	Background Color Crossfade (affects Background HSI, CCT and Color Presets)	000 - 005	0s (Off)	
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	
20	37	Zoom (Segment 1)	000 - 255	Narrow to Wide	Zoom 1
21	38	Zoom (Segment 2)	000 - 255	Narrow to Wide	Zoom 2
22	39	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Blackout
			006 - 007	Blackout while P/T moving On	
			008 - 009	Blackout while P/T moving Off	
			010 - 017	No function	Energy Saving
			018 - 019	Sleep Mode On	
			020 - 021	Sleep Mode Off/Wake Up	
			022 - 024	No function	User Colors
			025 - 025	Record User Scene 1	
			026 - 026	Record User Scene 2	
			027 - 027	Record User Scene 3	
			028 - 028	Record User Scene 4	
			029 - 029	Record User Scene 5	
			030 - 030	Record User Scene 6	
			031 - 031	Record User Scene 7	
			032 - 032	Record User Scene 8	Movement
			033 - 041	No function	
			042 - 043	Invert Pan On	
			044 - 045	Invert Pan Off	
			046 - 047	Invert Tilt On	
			048 - 049	Invert Tilt Off	
050 - 051	Pan Angle 540°				
052 - 053	Pan Angle 630°				
054 - 057	No Function				

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



22	39	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	058 - 059	Pixel Mirroring Off	Pixel Mirroring
			060 - 061	Pixel Mirroring Horizontal	
			062 - 063	Pixel Mirroring Vertical	
			064 - 065	Pixel Mirroring Horizontal + Vertical	
			066 - 073	No function	Dimming
			074 - 075	Dimmer Response LED	
			076 - 077	Dimmer Response Halogen	
			078 - 081	No function	
			082 - 083	DTW (Redshift) On	
			084 - 085	DTW (Redshift) Off	Noise Functions
			086 - 093	No function	
			094 - 095	Silent movement On	
			096 - 097	Silent movement Off	
			098 - 099	Fan Auto	
			100 - 101	Fan Off	PWM Frequency
			102 - 103	Fan Constant Low	
			104 - 105	Fan Constant Medium	
			106 - 107	Fan Constant High	
			108 - 119	No function	Color Calibration
			120 - 121	PWM 1 (650 Hz)	
			122 - 123	PWM 2 (1530 Hz)	
			124 - 125	PWM 3 (3600 Hz)	
			126 - 127	PWM 4 (12000 Hz)	
			128 - 129	PWM 5 (18900 Hz)	
			130 - 131	PWM 6 (25000 Hz)	Display Functions
			132 - 135	No function	
			136 - 137	User Calibration	
			138 - 139	Smart Calibration	Dimmer Curve
			140 - 141	Display Always On	
			142 - 143	Display Off after 20s	
144 - 163	No function				
164 - 165	Dimmer Curve Linear				
166 - 167	Dimmer Curve Exponential	Dimmer Curve			
168 - 169	Dimmer Curve Logarithmic				
170 - 171	Dimmer Curve S-Curve				
172 - 221	No function				

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



22	39	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	222	-	223	Reset Pan / Tilt	Reset
			224	-	233	No function	
			234	-	235	Reset Head	
			236	-	237	Reset All	
			238	-	239	No function	
			240	-	241	Load Factory Defaults	Load Default
			242	-	243	Load Factory Defaults (without User Scenes & Loops)	
			244	-	245	Load User Default A	
			246	-	247	Load User Default B	
			248	-	249	Load User Default C	
			250	-	255	No function	

23CH RGLB Effect	23CH RGLB Wash 8Bit	27CH RGLB Wash	Channel	Channel	Channel	Function	Values	Sub-group	
1	1	1	1	1	1	Pan	000 - 255	Pan	
2	2	2	2	2	2	Pan fine	000 - 255		
3	3	3	3	3	3	Tilt	000 - 255	Tilt	
4	4	4	4	4	4	Tilt fine	000 - 255		
5	5	5	5	5	5	Dimmer (Segment 1 & 2)	000 - 255	Dimmer	
6	6	6	6	6	6	Dimmer fine (Segment 1 & 2)	000 - 255		
7	7	7	7	7	7	Strobe Functions (Segment 1 & 2)	000 - 005	Multi- functional Strobe	
							006 - 010		Closed
							011 - 022		Ramp up/down slow to fast
							023 - 033		Ramp up/down random slow to fast
						034 - 045	Ramp up slow to fast		

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



7	7	7	Strobe Functions (Segment 1 & 2)	046 - 056	Ramp up random slow to fast	Multi-functional Strobe
				057 - 068	Ramp down slow to fast	
				069 - 079	Ramp down random slow to fast	
				080 - 102	Random Strobe effect slow to fast	
				103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
				128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
				251 - 255	Open	
8	8	8	Red	000 - 255	Additive Color Mixing	
		9	Red fine	000 - 255		
9	9	10	Green	000 - 255		
		11	Green fine	000 - 255		
10	10	12	Blue	000 - 255		
		13	Blue fine	000 - 255		
11	11	14	Lime	000 - 255		
		15	Lime fine	000 - 255		
12	16	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT	
			006 - 006	Warm white		
			007 - 046	Warm white to 2700K		
			047 - 047	Bulb White (2700K)		
			048 - 087	2700K to 3200K		
			088 - 088	Halogen White (3200K)		
			089 - 128	3200K to 4000K		
			129 - 129	Neutral White (4000K)		
			130 - 169	4000K to 5600K		
			170 - 170	Studio White (5600K)		
			171 - 210	5600K to 6500K		
			211 - 211	Daylight White (6500K)		
			212 - 251	6500K to Cold white		
252 - 255	Cold white					



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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



13	17	Tint (affects Color Tempera- ture)	000 - 000	Off	Tint
			001 - 127	Magenta -> Neutral	
			128 - 128	neutral	
			129 - 255	Neutral -> Green	
14	18	Color Presets (override Color Mixing & Color Tempera- ture)	000 - 005	No function	Color
			006 - 009	46 Dark Magenta	
			010 - 013	29 Plasa Red	
			014 - 017	26 Bright Red	
			018 - 021	127 Smokey Pink	
			022 - 025	36 Medium Pink	
			026 - 029	19 Fire	
			030 - 033	135 Deep Golden Amber	
			034 - 037	778 Millennium Gold	
			038 - 041	21 Gold Amber	
			042 - 045	157 Pink	
			046 - 049	110 Middle Rose	
			050 - 053	109 Light Salmon	
			054 - 057	35 Light Pink	
			058 - 061	134 Golden Amber	
			062 - 065	17 Surprise Peach	
			066 - 069	746 Brown	
			070 - 073	105 Orange	
			074 - 077	20 Medium Amber	
			078 - 081	768 Egg Yolk Yellow	
			082 - 085	15 Deep Straw	
			086 - 089	767 Nectarine	
			090 - 093	101 Yellow	
			094 - 097	100 Spring Yellow	
			098 - 101	88 Lime Green	
			102 - 105	121 LEE Green	
			106 - 109	738 Jas Green	
			110 - 113	89 Moss Green	
			114 - 117	139 Primary Green	
			118 - 121	124 Dark Green	
			122 - 125	323 Jade	
			126 - 129	354 Special Steel Blue	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	14	18	Color Presets (override Color Mixing & Color Temperature)	130 - 133	116 Medium Blue-Green	Color
				134 - 137	183 Moonlight Blue	
				138 - 141	132 Medium Blue	
				142 - 145	119 Dark Blue	
				146 - 149	716 Mikkell Blue	
				150 - 153	71 Tokyo Blue	
				154 - 157	181 Congo Blue	
				158 - 161	799 Special KH Lavender	
				162 - 165	707 Ultimate Violet	
				166 - 169	343 Special Medium Lavender	
				170 - 173	798 Chrysalis Pink	
				174 - 177	701 Provence	
				178 - 181	797 Deep Purple	
				182 - 185	48 Rose Purple	
				186 - 189	345 Fuchsia Pink	
				190 - 193	795 Magical Magenta	
				194 - 197	128 Bright Pink	
				198 - 201	2 Rose Pink	
				202 - 207	User Color 1	
				208 - 213	User Color 2	
				214 - 219	User Color 3	
				220 - 225	User Color 4	
				226 - 231	User Color 5	
				232 - 237	User Color 6	
				238 - 243	User Color 7	
244 - 249	User Color 8					
250 - 255	No function					
	15	19	Color Crossfade (affects HSI, CCT and Color Presets)	000 - 005	0s (Off)	
				006 - 105	0,1s - 10s (0,1s Steps)	
				106 - 214	11s - 119s (1s Steps)	
				215 - 244	2m - 4m50s (10s Steps)	
				245 - 255	5m - 15m (1m Steps)	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



12	16	20	Ring Dimmer	000 - 255	0% to 100%
13	17	21	Ring Red	000 - 255	0% to 100%
14	18	22	Ring Green	000 - 255	0% to 100%
15	19	23	Ring Blue	000 - 255	0% to 100%
16	20	24	Ring Strobe	000 - 005	Open
				006 - 010	Closed
				011 - 022	Ramp up/down slow to fast
				023 - 033	Ramp up/down random slow to fast
				034 - 045	Ramp up slow to fast
				046 - 056	Ramp up random slow to fast
				057 - 068	Ramp down slow to fast
				069 - 079	Ramp down random slow to fast
				080 - 102	Random Strobe effect slow to fast
				103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
				128 - 250	Strobe slow to fast (<1Hz to 20Hz)
				251 - 255	Open
17			Ring Pattern Selection	000 - 005	Off
				006 - 026	1
				027 - 047	2
				048 - 068	3
				069 - 089	4
				090 - 110	5
				111 - 131	6
				132 - 152	7
				153 - 173	8
				174 - 194	9
				195 - 215	10
				216 - 236	11

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



17			Ring Pattern Selection	237 - 255	12	
18			Ring Pattern Speed	000 - 005	Ring Pattern Speed Stop	
				006 - 063	Ring Pattern Speed slow to fast (Chase)	
				064 - 127	Ring Pattern Speed fast to slow (Chase) (backwards)	
				128 - 127	Ring Pattern Speed slow to fast (Fade)	
				192 - 255	Ring Pattern Speed fast to slow (Fade) (backwards)	
19			Pattern Selection (Effect Pattern 1)	000 - 005	Off	
				006 - 009	1	
				010 - 013	2	
				014 - 017	3	
				018 - 021	4	
				022 - 025	5	
				026 - 029	6	
				030 - 033	7	
				034 - 037	8	
				038 - 041	9	
				042 - 045	10	
				046 - 229	11 to 49	
230 - 255	50					
20			Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	
				006 - 127	Effect Pattern Speed slow to fast	
				128 - 255	Effect Pattern Speed fast to slow (backwards)	
21	21	25	Zoom (Segment 1)	000 - 255	Narrow to Wide	Zoom 1

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



22	22	26	Zoom (Segment 2)	000 - 255	Narrow to Wide	Zoom 2
23	23	27	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Blackout
				006 - 007	Blackout while P/T moving On	
				008 - 009	Blackout while P/T moving Off	
				010 - 017	No function	Energy Saving
				018 - 019	Sleep Mode On	
				020 - 021	Sleep Mode Off/Wake Up	User Colors
				022 - 024	No function	
				025 - 025	Record User Scene 1	
				026 - 026	Record User Scene 2	
				027 - 027	Record User Scene 3	
				028 - 028	Record User Scene 4	
				029 - 029	Record User Scene 5	
				030 - 030	Record User Scene 6	
				031 - 031	Record User Scene 7	Move- ment
				032 - 032	Record User Scene 8	
				033 - 041	No function	
				042 - 043	Invert Pan On	
				044 - 045	Invert Pan Off	
				046 - 047	Invert Tilt On	
				048 - 049	Invert Tilt Off	
				050 - 051	Pan Angle 540°	Pixel Mirroring
				052 - 053	Pan Angle 630°	
				054 - 057	No Function	
058 - 059	Pixel Mirroring Off					
060 - 061	Pixel Mirroring Horizontal	Pixel Mirroring				
062 - 063	Pixel Mirroring Vertical					
064 - 065	Pixel Mirroring Horizontal + Vertical					
066 - 073	No function					

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



23	23	27	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	074 - 075	Dimmer Response LED	Dimming
				076 - 077	Dimmer Response Halogen	
				078 - 081	No function	
				082 - 083	DTW (Redshift) On	
				084 - 085	DTW (Redshift) Off	
				086 - 093	No function	Noise Functions
				094 - 095	Silent movement On	
				096 - 097	Silent movement Off	
				098 - 099	Fan Auto	
				100 - 101	Fan Off	
				102 - 103	Fan Constant Low	
				104 - 105	Fan Constant Medium	
				106 - 107	Fan Constant High	PWM Frequency
				108 - 119	No function	
				120 - 121	PWM 1 (650 Hz)	
				122 - 123	PWM 2 (1530 Hz)	
				124 - 125	PWM 3 (3600 Hz)	
				126 - 127	PWM 4 (12000 Hz)	
				128 - 129	PWM 5 (18900 Hz)	Color Calibration
				130 - 131	PWM 6 (25000 Hz)	
				132 - 135	No function	
				136 - 137	User Calibration	Display Functions
				138 - 139	Smart Calibration	
				140 - 141	Display Always On	Dimmer Curve
				142 - 143	Display Off after 20s	
				144 - 163	No function	
				164 - 165	Dimmer Curve Linear	
166 - 167	Dimmer Curve Exponential					
168 - 169	Dimmer Curve Logarithmic					
170 - 171	Dimmer Curve S-Curve					
172 - 221	No function					

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	222	-	223	Reset Pan / Tilt	Reset		
	224	-	233	No function			
	234	-	235	Reset Head			
	236	-	237	Reset All			
	238	-	239	No function			
	240	-	241	Load Factory Defaults	Load Default		
	242	-	243	Load Factory Defaults (without User Scenes & Loops)			
	244	-	245	Load User Default A			
	246	-	247	Load User Default B			
				248	-	249	Load User Default C
			250	-	255	No function	

25CH Dual Rings					
Channel	Function	Values			Sub-group
1	Pan	000	-	255	Pan
2	Pan fine	000	-	255	
3	Tilt	000	-	255	Tilt
4	Tilt fine	000	-	255	
5	Dimmer (Segment 1)	000	-	255	Dimmer
6	Dimmer fine (Segment 1)	000	-	255	
7	Dimmer (Segment 2)	000	-	255	
8	Dimmer fine (Segment 2)	000	-	255	Dimmer

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



9	Strobe Functions (Segment 1)	000 - 005	Open	Multi- functional Strobe
		006 - 010	Closed	
		011 - 022	Ramp up/down slow to fast	
		023 - 033	Ramp up/down random slow to fast	
		034 - 045	Ramp up slow to fast	
		046 - 056	Ramp up random slow to fast	
		057 - 068	Ramp down slow to fast	
		069 - 079	Ramp down random slow to fast	
		080 - 102	Random Strobe effect slow to fast	
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
		251 - 255	Open	
		10	Strobe Functions (Segment 2)	
006 - 010	Closed			
011 - 022	Ramp up/down slow to fast			
023 - 033	Ramp up/down random slow to fast			
034 - 045	Ramp up slow to fast			
046 - 056	Ramp up random slow to fast			
057 - 068	Ramp down slow to fast			
069 - 079	Ramp down random slow to fast			
080 - 102	Random Strobe effect slow to fast			
103 - 127	Strobe Break effect 5s to 1s (Short burst with break)			
128 - 250	Strobe slow to fast (<1Hz to 20Hz)			
251 - 255	Open			
11	Red			000 - 255
12	Green	000 - 255	0% to 100%	
13	Blue	000 - 255	0% to 100%	
14	Lime	000 - 255	0% to 100%	
15	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT
		006 - 006	Warm white	
		007 - 046	Warm white to 2700K	
		047 - 047	Bulb White (2700K)	
		048 - 087	2700K to 3200K	
		088 - 088	Halogen White (3200K)	
		089 - 128	3200K to 4000K	



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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



15	Color Temperature (affects Color Mixing)	129 - 129	Neutral White (4000K)	CCT
		130 - 169	4000K to 5600K	
		170 - 170	Studio White (5600K)	
		171 - 210	5600K to 6500K	
		211 - 211	Daylight White (6500K)	
		212 - 251	6500K to Cold white	
		252 - 255	Cold white	
16	Tint (affects Color Temperature)	000 - 000	Off	Tint
		001 - 127	Magenta -> Neutral	
		128 - 128	neutral	
		129 - 255	Neutral -> Green	
17	Ring Dimmer	000 - 255	0% to 100%	
18	Ring Red	000 - 255	0% to 100%	
19	Ring Green	000 - 255	0% to 100%	
20	Ring Blue	000 - 255	0% to 100%	
21	Ring Strobe	000 - 005	Open	
		006 - 010	Closed	
		011 - 022	Ramp up/down slow to fast	
		023 - 033	Ramp up/down random slow to fast	
		034 - 045	Ramp up slow to fast	
		046 - 056	Ramp up random slow to fast	
		057 - 068	Ramp down slow to fast	
		069 - 079	Ramp down random slow to fast	
		080 - 102	Random Strobe effect slow to fast	
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
		251 - 255	Open	
22	Zoom (Segment 1)	000 - 255	Narrow to Wide	Zoom 1
23	Zoom (Segment 2)	000 - 255	Narrow to Wide	Zoom 2
24	LED Control Cross- fade	000 - 005	Pixel controlled by channels 11 to 14 and 18 to 20	
		006 - 249	Linear Crossfade to second input	
		250 - 255	Pixel controlled by second protocol	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



25	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	
		006 - 007	Blackout while P/T moving On	Blackout
		008 - 009	Blackout while P/T moving Off	
		010 - 017	No function	
		018 - 019	Sleep Mode On	Energy Saving
		020 - 021	Sleep Mode Off/Wake Up	
		022 - 024	No function	
		025 - 025	Record User Scene 1	User Colors
		026 - 026	Record User Scene 2	
		027 - 027	Record User Scene 3	
		028 - 028	Record User Scene 4	
		029 - 029	Record User Scene 5	
		030 - 030	Record User Scene 6	
		031 - 031	Record User Scene 7	
		032 - 032	Record User Scene 8	
		033 - 041	No function	
		042 - 043	Invert Pan On	Move- ment
		044 - 045	Invert Pan Off	
		046 - 047	Invert Tilt On	
		048 - 049	Invert Tilt Off	
		050 - 051	Pan Angle 540°	
		052 - 053	Pan Angle 630°	
		054 - 057	No Function	
		058 - 059	Pixel Mirroring Off	Pixel Mirroring
		060 - 061	Pixel Mirroring Horizontal	
062 - 063	Pixel Mirroring Vertical			
064 - 065	Pixel Mirroring Horizontal + Vertical			
066 - 073	No function			
074 - 075	Dimmer Response LED	Dimming		
076 - 077	Dimmer Response Halogen			
078 - 081	No function			
082 - 083	DTW (Redshift) On			
084 - 085	DTW (Redshift) Off			
086 - 093	No function			
094 - 095	Silent movement On	Noise Functions		

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## IP65 WASH MOVING HEAD DMX CONTROL TABLE



25	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	096 - 097	Silent movement Off	Noise Functions
		098 - 099	Fan Auto	
		100 - 101	Fan Off	
		102 - 103	Fan Constant Low	
		104 - 105	Fan Constant Medium	
		106 - 107	Fan Constant High	
		108 - 119	No function	PWM Fre- quency
		120 - 121	PWM 1 (650 Hz)	
		122 - 123	PWM 2 (1530 Hz)	
		124 - 125	PWM 3 (3600 Hz)	
		126 - 127	PWM 4 (12000 Hz)	
		128 - 129	PWM 5 (18900 Hz)	
		130 - 131	PWM 6 (25000 Hz)	Color Cal- ibration
		132 - 135	No function	
		136 - 137	User Calibration	
		138 - 139	Smart Calibration	Display Functions
		140 - 141	Display Always On	
		142 - 143	Display Off after 20s	
		144 - 163	No function	Dimmer Curve
		164 - 165	Dimmer Curve Linear	
		166 - 167	Dimmer Curve Exponential	
		168 - 169	Dimmer Curve Logarithmic	
		170 - 171	Dimmer Curve S-Curve	
		172 - 221	No function	Reset
		222 - 223	Reset Pan / Tilt	
224 - 233	No function			
234 - 235	Reset Head			
236 - 237	Reset All			
238 - 239	No function	Load Default		
240 - 241	Load Factory Defaults			
242 - 243	Load Factory Defaults (without User Scenes & Loops)			
244 - 245	Load User Default A			
246 - 247	Load User Default B			
248 - 249	Load User Default C			
250 - 255	No function			

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



26	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1
27	Green 1	000	-	255	0% to 100%	
28	Blue 1	000	-	255	0% to 100%	
29	Lime 1	000	-	255	0% to 100%	
30	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2
31	Green 2	000	-	255	0% to 100%	
32	Blue 2	000	-	255	0% to 100%	
33	Lime 2	000	-	255	0% to 100%	
34	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3
35	Green 3	000	-	255	0% to 100%	
36	Blue 3	000	-	255	0% to 100%	
37	Lime 3	000	-	255	0% to 100%	
38	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4
39	Green 4	000	-	255	0% to 100%	
40	Blue 4	000	-	255	0% to 100%	
41	Lime 4	000	-	255	0% to 100%	
42	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5
43	Green 5	000	-	255	0% to 100%	
44	Blue 5	000	-	255	0% to 100%	
45	Lime 5	000	-	255	0% to 100%	
46	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6
47	Green 6	000	-	255	0% to 100%	
48	Blue 6	000	-	255	0% to 100%	
49	Lime 6	000	-	255	0% to 100%	
50	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7
51	Green 7	000	-	255	0% to 100%	
52	Blue 7	000	-	255	0% to 100%	
53	Lime 7	000	-	255	0% to 100%	
54	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
55	Green 8	000	-	255	0% to 100%	
56	Blue 8	000	-	255	0% to 100%	
57	Lime 8	000	-	255	0% to 100%	
58	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
59	Green 9	000	-	255	0% to 100%	
60	Blue 9	000	-	255	0% to 100%	
61	Lime 9	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



62	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
63	Green 10	000	-	255	0% to 100%	
64	Blue 10	000	-	255	0% to 100%	
65	Lime 10	000	-	255	0% to 100%	
66	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
67	Green 11	000	-	255	0% to 100%	
68	Blue 11	000	-	255	0% to 100%	
69	Lime 11	000	-	255	0% to 100%	
70	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
71	Green 12	000	-	255	0% to 100%	
72	Blue 12	000	-	255	0% to 100%	
73	Lime 12	000	-	255	0% to 100%	
74	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
75	Green 13	000	-	255	0% to 100%	
76	Blue 13	000	-	255	0% to 100%	
77	Lime 13	000	-	255	0% to 100%	
78	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
79	Green 14	000	-	255	0% to 100%	
80	Blue 14	000	-	255	0% to 100%	
81	Lime 14	000	-	255	0% to 100%	
82	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
83	Green 15	000	-	255	0% to 100%	
84	Blue 15	000	-	255	0% to 100%	
85	Lime 15	000	-	255	0% to 100%	
86	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
87	Green 16	000	-	255	0% to 100%	
88	Blue 16	000	-	255	0% to 100%	
89	Lime 16	000	-	255	0% to 100%	
90	Ring Red 1	000	-	255	0% to 100%	Ring Pixel 1
91	Ring Green 1	000	-	255	0% to 100%	
92	Ring Blue 1	000	-	255	0% to 100%	
93	Ring Red 2	000	-	255	0% to 100%	Ring Pixel 2
94	Ring Green 2	000	-	255	0% to 100%	
95	Ring Blue 2	000	-	255	0% to 100%	
96	Ring Red 3	000	-	255	0% to 100%	Ring Pixel 3
97	Ring Green 3	000	-	255	0% to 100%	
98	Ring Blue 3	000	-	255	0% to 100%	

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DMX CONTROL TABLE



99	Ring Red 4	000	-	255	0% to 100%	Ring Pixel 4
100	Ring Green 4	000	-	255	0% to 100%	
101	Ring Blue 4	000	-	255	0% to 100%	
102	Ring Red 5	000	-	255	0% to 100%	Ring Pixel 5
103	Ring Green 5	000	-	255	0% to 100%	
104	Ring Blue 5	000	-	255	0% to 100%	
105	Ring Red 6	000	-	255	0% to 100%	Ring Pixel 6
106	Ring Green 6	000	-	255	0% to 100%	
107	Ring Blue 6	000	-	255	0% to 100%	
108	Ring Red 7	000	-	255	0% to 100%	Ring Pixel 7
109	Ring Green 7	000	-	255	0% to 100%	
110	Ring Blue 7	000	-	255	0% to 100%	
111	Ring Red 8	000	-	255	0% to 100%	Ring Pixel 8
112	Ring Green 8	000	-	255	0% to 100%	
113	Ring Blue 8	000	-	255	0% to 100%	
114	Ring Red 9	000	-	255	0% to 100%	Ring Pixel 9
115	Ring Green 9	000	-	255	0% to 100%	
116	Ring Blue 9	000	-	255	0% to 100%	
117	Ring Red 10	000	-	255	0% to 100%	Ring Pixel 10
118	Ring Green 10	000	-	255	0% to 100%	
119	Ring Blue 10	000	-	255	0% to 100%	
120	Ring Red 11	000	-	255	0% to 100%	Ring Pixel 11
121	Ring Green 11	000	-	255	0% to 100%	
122	Ring Blue 11	000	-	255	0% to 100%	
123	Ring Red 12	000	-	255	0% to 100%	Ring Pixel 12
124	Ring Green 12	000	-	255	0% to 100%	
125	Ring Blue 12	000	-	255	0% to 100%	
126	Ring Red 13	000	-	255	0% to 100%	Ring Pixel 13
127	Ring Green 13	000	-	255	0% to 100%	
128	Ring Blue 13	000	-	255	0% to 100%	
129	Ring Red 14	000	-	255	0% to 100%	Ring Pixel 14
130	Ring Green 14	000	-	255	0% to 100%	
131	Ring Blue 14	000	-	255	0% to 100%	
132	Ring Red 15	000	-	255	0% to 100%	Ring Pixel 15
133	Ring Green 15	000	-	255	0% to 100%	
134	Ring Blue 15	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



135	Ring Red 16	000	-	255	0% to 100%	Ring Pixel 16
136	Ring Green 16	000	-	255	0% to 100%	
137	Ring Blue 16	000	-	255	0% to 100%	
138	Ring Red 17	000	-	255	0% to 100%	Ring Pixel 17
139	Ring Green 17	000	-	255	0% to 100%	
140	Ring Blue 17	000	-	255	0% to 100%	
141	Ring Red 18	000	-	255	0% to 100%	Ring Pixel 18
142	Ring Green 18	000	-	255	0% to 100%	
143	Ring Blue 18	000	-	255	0% to 100%	
144	Ring Red 19	000	-	255	0% to 100%	Ring Pixel 19
145	Ring Green 19	000	-	255	0% to 100%	
146	Ring Blue 19	000	-	255	0% to 100%	
147	Ring Red 20	000	-	255	0% to 100%	Ring Pixel 20
148	Ring Green 20	000	-	255	0% to 100%	
149	Ring Blue 20	000	-	255	0% to 100%	
150	Ring Red 21	000	-	255	0% to 100%	Ring Pixel 21
151	Ring Green 21	000	-	255	0% to 100%	
152	Ring Blue 21	000	-	255	0% to 100%	
153	Ring Red 22	000	-	255	0% to 100%	Ring Pixel 22
154	Ring Green 22	000	-	255	0% to 100%	
155	Ring Blue 22	000	-	255	0% to 100%	
156	Ring Red 23	000	-	255	0% to 100%	Ring Pixel 23
157	Ring Green 23	000	-	255	0% to 100%	
158	Ring Blue 23	000	-	255	0% to 100%	
159	Ring Red 24	000	-	255	0% to 100%	Ring Pixel 24
160	Ring Green 24	000	-	255	0% to 100%	
161	Ring Blue 24	000	-	255	0% to 100%	
162	Ring Red 25	000	-	255	0% to 100%	Ring Pixel 25
163	Ring Green 25	000	-	255	0% to 100%	
164	Ring Blue 25	000	-	255	0% to 100%	
165	Ring Red 26	000	-	255	0% to 100%	Ring Pixel 26
166	Ring Green 26	000	-	255	0% to 100%	
167	Ring Blue 26	000	-	255	0% to 100%	
168	Ring Red 27	000	-	255	0% to 100%	Ring Pixel 27
169	Ring Green 27	000	-	255	0% to 100%	
170	Ring Blue 27	000	-	255	0% to 100%	

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171	Ring Red 28	000	-	255	0% to 100%	Ring Pixel 28
172	Ring Green 28	000	-	255	0% to 100%	
173	Ring Blue 28	000	-	255	0% to 100%	
174	Ring Red 29	000	-	255	0% to 100%	Ring Pixel 29
175	Ring Green 29	000	-	255	0% to 100%	
176	Ring Blue 29	000	-	255	0% to 100%	
177	Ring Red 30	000	-	255	0% to 100%	Ring Pixel 30
178	Ring Green 30	000	-	255	0% to 100%	
179	Ring Blue 30	000	-	255	0% to 100%	
180	Ring Red 31	000	-	255	0% to 100%	Ring Pixel 31
181	Ring Green 31	000	-	255	0% to 100%	
182	Ring Blue 31	000	-	255	0% to 100%	
183	Ring Red 32	000	-	255	0% to 100%	Ring Pixel 32
184	Ring Green 32	000	-	255	0% to 100%	
185	Ring Blue 32	000	-	255	0% to 100%	
186	Ring Red 33	000	-	255	0% to 100%	Ring Pixel 33
187	Ring Green 33	000	-	255	0% to 100%	
188	Ring Blue 33	000	-	255	0% to 100%	
189	Ring Red 34	000	-	255	0% to 100%	Ring Pixel 34
190	Ring Green 34	000	-	255	0% to 100%	
191	Ring Blue 34	000	-	255	0% to 100%	
192	Ring Red 35	000	-	255	0% to 100%	Ring Pixel 35
193	Ring Green 35	000	-	255	0% to 100%	
194	Ring Blue 35	000	-	255	0% to 100%	
195	Ring Red 36	000	-	255	0% to 100%	Ring Pixel 36
196	Ring Green 36	000	-	255	0% to 100%	
197	Ring Blue 36	000	-	255	0% to 100%	
198	Ring Red 37	000	-	255	0% to 100%	Ring Pixel 37
199	Ring Green 37	000	-	255	0% to 100%	
200	Ring Blue 37	000	-	255	0% to 100%	
201	Ring Red 38	000	-	255	0% to 100%	Ring Pixel 38
202	Ring Green 38	000	-	255	0% to 100%	
203	Ring Blue 38	000	-	255	0% to 100%	
204	Ring Red 39	000	-	255	0% to 100%	Ring Pixel 39
205	Ring Green 39	000	-	255	0% to 100%	
206	Ring Blue 39	000	-	255	0% to 100%	



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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



207	Ring Red 40	000	-	255	0% to 100%	Ring Pixel 40
208	Ring Green 40	000	-	255	0% to 100%	
209	Ring Blue 40	000	-	255	0% to 100%	
210	Ring Red 41	000	-	255	0% to 100%	Ring Pixel 41
211	Ring Green 41	000	-	255	0% to 100%	
212	Ring Blue 41	000	-	255	0% to 100%	
213	Ring Red 42	000	-	255	0% to 100%	Ring Pixel 42
214	Ring Green 42	000	-	255	0% to 100%	
215	Ring Blue 42	000	-	255	0% to 100%	
216	Ring Red 43	000	-	255	0% to 100%	Ring Pixel 43
217	Ring Green 43	000	-	255	0% to 100%	
218	Ring Blue 43	000	-	255	0% to 100%	
219	Ring Red 44	000	-	255	0% to 100%	Ring Pixel 44
220	Ring Green 44	000	-	255	0% to 100%	
221	Ring Blue 44	000	-	255	0% to 100%	
222	Ring Red 45	000	-	255	0% to 100%	Ring Pixel 45
223	Ring Green 45	000	-	255	0% to 100%	
224	Ring Blue 45	000	-	255	0% to 100%	
225	Ring Red 46	000	-	255	0% to 100%	Ring Pixel 46
226	Ring Green 46	000	-	255	0% to 100%	
227	Ring Blue 46	000	-	255	0% to 100%	
228	Ring Red 47	000	-	255	0% to 100%	Ring Pixel 47
229	Ring Green 47	000	-	255	0% to 100%	
230	Ring Blue 47	000	-	255	0% to 100%	
231	Ring Red 48	000	-	255	0% to 100%	Ring Pixel 48
232	Ring Green 48	000	-	255	0% to 100%	
233	Ring Blue 48	000	-	255	0% to 100%	
234	Ring Red 49	000	-	255	0% to 100%	Ring Pixel 49
235	Ring Green 49	000	-	255	0% to 100%	
236	Ring Blue 49	000	-	255	0% to 100%	
237	Ring Red 50	000	-	255	0% to 100%	Ring Pixel 50
238	Ring Green 50	000	-	255	0% to 100%	
239	Ring Blue 50	000	-	255	0% to 100%	
240	Ring Red 51	000	-	255	0% to 100%	Ring Pixel 51
241	Ring Green 51	000	-	255	0% to 100%	
242	Ring Blue 51	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



243	Ring Red 52	000	-	255	0% to 100%	Ring Pixel 52
244	Ring Green 52	000	-	255	0% to 100%	
245	Ring Blue 52	000	-	255	0% to 100%	
246	Ring Red 53	000	-	255	0% to 100%	Ring Pixel 53
247	Ring Green 53	000	-	255	0% to 100%	
248	Ring Blue 53	000	-	255	0% to 100%	
249	Ring Red 54	000	-	255	0% to 100%	Ring Pixel 54
250	Ring Green 54	000	-	255	0% to 100%	
251	Ring Blue 54	000	-	255	0% to 100%	
252	Ring Red 55	000	-	255	0% to 100%	Ring Pixel 55
253	Ring Green 55	000	-	255	0% to 100%	
254	Ring Blue 55	000	-	255	0% to 100%	
255	Ring Red 56	000	-	255	0% to 100%	Ring Pixel 56
256	Ring Green 56	000	-	255	0% to 100%	
257	Ring Blue 56	000	-	255	0% to 100%	
258	Ring Red 57	000	-	255	0% to 100%	Ring Pixel 57
259	Ring Green 57	000	-	255	0% to 100%	
260	Ring Blue 57	000	-	255	0% to 100%	
261	Ring Red 58	000	-	255	0% to 100%	Ring Pixel 58
262	Ring Green 58	000	-	255	0% to 100%	
263	Ring Blue 58	000	-	255	0% to 100%	
264	Ring Red 59	000	-	255	0% to 100%	Ring Pixel 59
265	Ring Green 59	000	-	255	0% to 100%	
266	Ring Blue 59	000	-	255	0% to 100%	
267	Ring Red 60	000	-	255	0% to 100%	Ring Pixel 60
268	Ring Green 60	000	-	255	0% to 100%	
269	Ring Blue 60	000	-	255	0% to 100%	
270	Ring Red 61	000	-	255	0% to 100%	Ring Pixel 61
271	Ring Green 61	000	-	255	0% to 100%	
272	Ring Blue 61	000	-	255	0% to 100%	
273	Ring Red 62	000	-	255	0% to 100%	Ring Pixel 62
274	Ring Green 62	000	-	255	0% to 100%	
275	Ring Blue 62	000	-	255	0% to 100%	
276	Ring Red 63	000	-	255	0% to 100%	Ring Pixel 63
277	Ring Green 63	000	-	255	0% to 100%	
278	Ring Blue 63	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
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279	Ring Red 64	000	-	255	0% to 100%	Ring Pixel 64
280	Ring Green 64	000	-	255	0% to 100%	
281	Ring Blue 64	000	-	255	0% to 100%	
282	Ring Red 65	000	-	255	0% to 100%	Ring Pixel 65
283	Ring Green 65	000	-	255	0% to 100%	
284	Ring Blue 65	000	-	255	0% to 100%	
285	Ring Red 66	000	-	255	0% to 100%	Ring Pixel 66
286	Ring Green 66	000	-	255	0% to 100%	
287	Ring Blue 66	000	-	255	0% to 100%	
288	Ring Red 67	000	-	255	0% to 100%	Ring Pixel 67
289	Ring Green 67	000	-	255	0% to 100%	
290	Ring Blue 67	000	-	255	0% to 100%	
291	Ring Red 68	000	-	255	0% to 100%	Ring Pixel 68
292	Ring Green 68	000	-	255	0% to 100%	
293	Ring Blue 68	000	-	255	0% to 100%	

49CH RGLB Pattern	290CH RGLB Pixel Full	Channel	Channel	Function	Values	Sub-group	
		1	1	Pan	000 - 255 0% to 100%	Pan	
		2	2	Pan fine	000 - 255	Pan	
		3	3	Tilt	000 - 255 0% to 100%	Tilt	
		4	4	Tilt fine	000 - 255	Tilt	
		5	5	Dimmer	000 - 255 0% to 100%	Dimmer	
		6	6	Dimmer fine	000 - 255		
		7	7	Strobe Functions	000 - 005	Open	Multi- functional Strobe
					006 - 010	Closed	
					011 - 022	Ramp up/down slow to fast	
					023 - 033	Ramp up/down random slow to fast	
					034 - 045	Ramp up slow to fast	
					046 - 056	Ramp up random slow to fast	
					057 - 068	Ramp down slow to fast	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



7	7	Strobe Functions	069 - 079	Ramp down random slow to fast	Multi-functional Strobe
			080 - 102	Random Strobe effect slow to fast	
			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
			128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
			251 - 255	Open	
8	8	Red	000 - 255	0% to 100%	Additive Color Mixing
9	9	Red fine	000 - 255		
10	10	Green	000 - 255	0% to 100%	
11	11	Green fine	000 - 255		
12	12	Blue	000 - 255	0% to 100%	
13	13	Blue fine	000 - 255		
14	14	Lime	000 - 255	0% to 100%	
15	15	Lime fine	000 - 255		
16	16	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT
			006 - 006	Warm white	
			007 - 046	Warm white to 2700K	
			047 - 047	Bulb White (2700K)	
			048 - 087	2700K to 3200K	
			088 - 088	Halogen White (3200K)	
			089 - 128	3200K to 4000K	
			129 - 129	Neutral White (4000K)	
			130 - 169	4000K to 5600K	
			170 - 170	Studio White (5600K)	
			171 - 210	5600K to 6500K	
			211 - 211	Daylight White (6500K)	
212 - 251	6500K to Cold white				
252 - 255	Cold white				
17	17	Tint (affects Color Temperature)	000 - 000	Off	Tint
			001 - 127	Magenta -> Neutral	
			128 - 128	neutral	
			129 - 255	Neutral -> Green	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



18	Color Presets (override Color Mixing & Color Tem- perature)	000 - 005	No function	Color Presets
		006 - 009	46 Dark Magenta	
		010 - 013	29 Plasa Red	
		014 - 017	26 Bright Red	
		018 - 021	127 Smokey Pink	
		022 - 025	36 Medium Pink	
		026 - 029	19 Fire	
		030 - 033	135 Deep Golden Amber	
		034 - 037	778 Millennium Gold	
		038 - 041	21 Gold Amber	
		042 - 045	157 Pink	
		046 - 049	110 Middle Rose	
		050 - 053	109 Light Salmon	
		054 - 057	35 Light Pink	
		058 - 061	134 Golden Amber	
		062 - 065	17 Surprise Peach	
		066 - 069	746 Brown	
		070 - 073	105 Orange	
		074 - 077	20 Medium Amber	
		078 - 081	768 Egg Yolk Yellow	
		082 - 085	15 Deep Straw	
		086 - 089	767 Nectarine	
		090 - 093	101 Yellow	
		094 - 097	100 Spring Yellow	
		098 - 101	88 Lime Green	
		102 - 105	121 LEE Green	
		106 - 109	738 Jas Green	
		110 - 113	89 Moss Green	
		114 - 117	139 Primary Green	
		118 - 121	124 Dark Green	
		122 - 125	323 Jade	
		126 - 129	354 Special Steel Blue	
130 - 133	116 Medium Blue-Green			
134 - 137	183 Moonlight Blue			
138 - 141	132 Medium Blue			
142 - 145	119 Dark Blue			
146 - 149	716 Mikkel Blue			

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



18		Color Presets (override Color Mixing & Color Tem- perature)	150 - 153	71 Tokyo Blue	Color Presets
			154 - 157	181 Congo Blue	
			158 - 161	799 Special KH Lavender	
			162 - 165	707 Ultimate Violet	
			166 - 169	343 Special Medium Lavender	
			170 - 173	798 Chrysalis Pink	
			174 - 177	701 Provence	
			178 - 181	797 Deep Purple	
			182 - 185	48 Rose Purple	
			186 - 189	345 Fuchsia Pink	
			190 - 193	795 Magical Magenta	
			194 - 197	128 Bright Pink	
			198 - 201	2 Rose Pink	
			202 - 207	User Color 1	
			208 - 213	User Color 2	
			214 - 219	User Color 3	
			220 - 225	User Color 4	
			226 - 231	User Color 5	
232 - 237	User Color 6				
238 - 243	User Color 7				
244 - 249	User Color 8				
250 - 255	No function				
19		Color Cross- fade (affects HSI, CCT and Color Presets)	000 - 005	0s (Off)	
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	
20	18	Ring Dimmer	000 - 255	0% to 100%	Ring
21		Ring Red	000 - 255	0% to 100%	
22		Ring Green	000 - 255	0% to 100%	
23		Ring Blue	000 - 255	0% to 100%	
24	19	Ring Strobe	000 - 005	Open	
			006 - 010	Closed	
			011 - 022	Ramp up/down slow to fast	
			023 - 033	Ramp up/down random slow to fast	
			034 - 045	Ramp up slow to fast	

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24	19	Ring Strobe	046 - 056	Ramp up random slow to fast	Ring
			057 - 068	Ramp down slow to fast	
			069 - 079	Ramp down random slow to fast	
			080 - 102	Random Strobe effect slow to fast	
			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
			128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
			251 - 255	Open	
25		Ring Pattern Selection	000 - 005	Off	Ring
			006 - 026	1	
			027 - 047	2	
			048 - 068	3	
			069 - 089	4	
			090 - 110	5	
			111 - 131	6	
			132 - 152	7	
			153 - 173	8	
			174 - 194	9	
			195 - 215	10	
			216 - 236	11	
			237 - 255	12	
26		Ring Pattern Speed	000 - 005	Ring Pattern Speed Stop	Ring
			006 - 063	Ring Pattern Speed slow to fast (Chase)	
			064 - 127	Ring Pattern Speed fast to slow (Chase) (backwards)	
			128 - 127	Ring Pattern Speed slow to fast (Fade)	
			192 - 255	Ring Pattern Speed fast to slow (Fade) (backwards)	

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27	Pattern Folder	000 - 005	Off	Pattern
		006 - 064	Static Pattern 1	
		065 - 128	Static Pattern 2	
		129 - 192	Effect Pattern 1	
		193 - 255	Effect Pattern 2	
28	Pattern Selection	000 - 005	Off	
		006 - 009	1	
		010 - 013	2	
		014 - 017	3	
		018 - 021	4	
		022 - 025	5	
		026 - 029	6	
		030 - 033	7	
		034 - 037	8	
		038 - 041	9	
		042 - 045	10	
		046 - 229	11 to 49	
		230 - 255	50	
29	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	
		006 - 127	Effect Pattern Speed slow to fast	
		128 - 255	Effect Pattern Speed fast to slow (backwards)	
30	Pattern Transition	000 - 005	0s (Off)	
		006 - 255	0,1s to 5s	
31	Pattern Fade/Wake Effect	000 - 005	off	
		006 - 127	Fade 0% to 100%	
		128 - 255	Wake 0% to 100%	
32	Background Dimmer	000 - 255	0% to 100%	Background Dimmer
33	Background Dimmer fine	000 - 255		
34	Background Strobe	000 - 005	Open	Background Strobe
		006 - 010	Closed	
		011 - 022	Ramp up/down slow to fast	
		023 - 033	Ramp up/down random slow to fast	
		034 - 045	Ramp up slow to fast	



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34	Background Strobe	046 - 056	Ramp up random slow to fast	Back-ground Strobe
		057 - 068	Ramp down slow to fast	
		069 - 079	Ramp down random slow to fast	
		080 - 102	Random Strobe effect slow to fast	
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
		251 - 255	Open	
35	Background Red	000 - 255	0% to 100%	Back-ground Additive Color Mixing
36	Background Red fine	000 - 255		
37	Background Green	000 - 255	0% to 100%	
38	Background Green fine	000 - 255		
39	Background Blue	000 - 255	0% to 100%	
40	Background Blue fine	000 - 255		
41	Background Lime	000 - 255	0% to 100%	
42	Background Lime fine	000 - 255		
43	Background Color Temperature (affects Background Color Mixing)	000 - 005	Off	Back-ground CCT
		006 - 006	Warm white	
		007 - 046	Warm white to 2700K	
		047 - 047	Bulb White (2700K)	
		048 - 087	2700K to 3200K	
		088 - 088	Halogen White (3200K)	
		089 - 128	3200K to 4000K	
		129 - 129	Neutral White (4000K)	
		130 - 169	4000K to 5600K	
		170 - 170	Studio White (5600K)	
171 - 210	5600K to 6500K			

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43	Background Color Temperature (affects Background Color Mixing)	211 - 211	Daylight White (6500K)	Back-ground CCT	
		212 - 251	6500K to Cold white		
		252 - 255	Cold white		
44	Background Tint (affects Background Color Temperature)	000 - 000	Off		
		001 - 127	Magenta -> Neutral		
		128 - 128	neutral		
		129 - 255	Neutral -> Green		
45	Background Color Presets (override Background Color Mixing & Color Temperature)	000 - 005	No function		Back-ground Color Presets
		006 - 009	46 Dark Magenta		
		010 - 013	29 Plasa Red		
		014 - 017	26 Bright Red		
		018 - 021	127 Smokey Pink		
		022 - 025	36 Medium Pink		
		026 - 029	19 Fire		
		030 - 033	135 Deep Golden Amber		
		034 - 037	778 Millennium Gold		
		038 - 041	21 Gold Amber		
		042 - 045	157 Pink		
		046 - 049	110 Middle Rose		
		050 - 053	109 Light Salmon		
		054 - 057	35 Light Pink		
		058 - 061	134 Golden Amber		
		062 - 065	17 Surprise Peach		
		066 - 069	746 Brown		
		070 - 073	105 Orange		
		074 - 077	20 Medium Amber		
		078 - 081	768 Egg Yolk Yellow		
082 - 085	15 Deep Straw				
086 - 089	767 Nectarine				
090 - 093	101 Yellow				
094 - 097	100 Spring Yellow				
098 - 101	88 Lime Green				
102 - 105	121 LEE Green				
106 - 109	738 Jas Green				

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DMX CONTROL TABLE



45	Background Color Presets (override Background Color Mixing & Color Temperature)	110 - 113	89 Moss Green	Back-ground Color Presets
		114 - 117	139 Primary Green	
		118 - 121	124 Dark Green	
		122 - 125	323 Jade	
		126 - 129	354 Special Steel Blue	
		130 - 133	116 Medium Blue-Green	
		134 - 137	183 Moonlight Blue	
		138 - 141	132 Medium Blue	
		142 - 145	119 Dark Blue	
		146 - 149	716 Mikkel Blue	
		150 - 153	71 Tokyo Blue	
		154 - 157	181 Congo Blue	
		158 - 161	799 Special KH Lavender	
		162 - 165	707 Ultimate Violet	
		166 - 169	343 Special Medium Lavender	
		170 - 173	798 Chrysalis Pink	
		174 - 177	701 Provence	
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
		186 - 189	345 Fuchsia Pink	
		190 - 193	795 Magical Magenta	
		194 - 197	128 Bright Pink	
		198 - 201	2 Rose Pink	
		202 - 207	User Color 1	
		208 - 213	User Color 2	
		214 - 219	User Color 3	
220 - 225	User Color 4			
226 - 231	User Color 5			
232 - 237	User Color 6			
238 - 243	User Color 7			
244 - 249	User Color 8			
250 - 255	No function			

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46		Background Color Cross-fade (affects Background HSI, CCT and Color Presets)	000 - 005	0s (Off)	Back-ground Color Presets
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	
47	20	Zoom (Segment 1)	000 - 255	Narrow to Wide	Zoom
48	21	Zoom (Segment 2)	000 - 255	Narrow to Wide	
49	22	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Control
			006 - 007	Blackout while P/T moving On	
			008 - 009	Blackout while P/T moving Off	
			010 - 017	No function	
			018 - 019	Sleep Mode On	
			020 - 021	Sleep Mode Off/Wake Up	
			022 - 024	No function	
			025 - 025	Record User Scene 1	
			026 - 026	Record User Scene 2	
			027 - 027	Record User Scene 3	
			028 - 028	Record User Scene 4	
			029 - 029	Record User Scene 5	
			030 - 030	Record User Scene 6	
			031 - 031	Record User Scene 7	
			032 - 032	Record User Scene 8	
			033 - 041	No function	
			042 - 043	Invert Pan On	
			044 - 045	Invert Pan Off	
			046 - 047	Invert Tilt On	
			048 - 049	Invert Tilt Off	
			050 - 051	Pan Angle 540°	
			052 - 053	Pan Angle 630°	
			054 - 057	No Function	
058 - 059	Pixel Mirroring Off				
060 - 061	Pixel Mirroring Horizontal				
062 - 063	Pixel Mirroring Vertical				
064 - 065	Pixel Mirroring Horizontal + Vertical				

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49	22	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	066 - 073	No function	Control
			074 - 075	Dimmer Response LED	
			076 - 077	Dimmer Response Halogen	
			078 - 081	No function	
			082 - 083	DTW (Redshift) On	
			084 - 085	DTW (Redshift) Off	
			086 - 093	No function	
			094 - 095	Silent movement On	
			096 - 097	Silent movement Off	
			098 - 099	Fan Auto	
			100 - 101	Fan Off	
			102 - 103	Fan Constant Low	
			104 - 105	Fan Constant Medium	
			106 - 107	Fan Constant High	
			108 - 119	No function	
			120 - 121	PWM 1 (650 Hz)	
			122 - 123	PWM 2 (1530 Hz)	
			124 - 125	PWM 3 (3600 Hz)	
			126 - 127	PWM 4 (12000 Hz)	
			128 - 129	PWM 5 (18900 Hz)	
			130 - 131	PWM 6 (25000 Hz)	
			132 - 135	No function	
			136 - 137	User Calibration	
			138 - 139	Smart Calibration	
			140 - 141	Display Always On	
			142 - 143	Display Off after 20s	
			144 - 163	No function	
			164 - 165	Dimmer Curve Linear	
			166 - 167	Dimmer Curve Exponential	
			168 - 169	Dimmer Curve Logarithmic	
			170 - 171	Dimmer Curve S-Curve	
172 - 221	No function				
222 - 223	Reset Pan / Tilt				
224 - 233	No function				
234 - 235	Reset Head				
236 - 237	Reset All				
238 - 239	No function				

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49	22	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	240	-	241	Load Factory Defaults	Control
			242	-	243	Load Factory Defaults (without User Scenes & Loops)	
			244	-	245	Load User Default A	
			246	-	247	Load User Default B	
			248	-	249	Load User Default C	
			250	-	255	no function	
	23	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1
	24	Green 1	000	-	255	0% to 100%	
	25	Blue 1	000	-	255	0% to 100%	
	26	Lime 1	000	-	255	0% to 100%	
	27	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2
	28	Green 2	000	-	255	0% to 100%	
	29	Blue 2	000	-	255	0% to 100%	
	30	Lime 2	000	-	255	0% to 100%	
	31	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3
	32	Green 3	000	-	255	0% to 100%	
	33	Blue 3	000	-	255	0% to 100%	
	34	Lime 3	000	-	255	0% to 100%	
	35	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4
	36	Green 4	000	-	255	0% to 100%	
	37	Blue 4	000	-	255	0% to 100%	
	38	Lime 4	000	-	255	0% to 100%	

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	39	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5
	40	Green 5	000	-	255	0% to 100%	
	41	Blue 5	000	-	255	0% to 100%	
	42	Lime 5	000	-	255	0% to 100%	
	43	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6
	44	Green 6	000	-	255	0% to 100%	
	45	Blue 6	000	-	255	0% to 100%	
	46	Lime 6	000	-	255	0% to 100%	
	47	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7
	48	Green 7	000	-	255	0% to 100%	
	49	Blue 7	000	-	255	0% to 100%	
	50	Lime 7	000	-	255	0% to 100%	
	51	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
	52	Green 8	000	-	255	0% to 100%	
	53	Blue 8	000	-	255	0% to 100%	
	54	Lime 8	000	-	255	0% to 100%	
	55	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
	56	Green 9	000	-	255	0% to 100%	
	57	Blue 9	000	-	255	0% to 100%	
	58	Lime 9	000	-	255	0% to 100%	
	59	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
	60	Green 10	000	-	255	0% to 100%	
	61	Blue 10	000	-	255	0% to 100%	
	62	Lime 10	000	-	255	0% to 100%	
	63	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
	64	Green 11	000	-	255	0% to 100%	
	65	Blue 11	000	-	255	0% to 100%	
	66	Lime 11	000	-	255	0% to 100%	
	67	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
	68	Green 12	000	-	255	0% to 100%	
	69	Blue 12	000	-	255	0% to 100%	
	70	Lime 12	000	-	255	0% to 100%	
	71	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
	72	Green 13	000	-	255	0% to 100%	
	73	Blue 13	000	-	255	0% to 100%	
	74	Lime 13	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



75	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
76	Green 14	000	-	255	0% to 100%	
77	Blue 14	000	-	255	0% to 100%	
78	Lime 14	000	-	255	0% to 100%	
79	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
80	Green 15	000	-	255	0% to 100%	
81	Blue 15	000	-	255	0% to 100%	
82	Lime 15	000	-	255	0% to 100%	
83	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
84	Green 16	000	-	255	0% to 100%	
85	Blue 16	000	-	255	0% to 100%	
86	Lime 16	000	-	255	0% to 100%	
87	Ring Red 1	000	-	255	0% to 100%	Ring Pixel 1
88	Ring Green 1	000	-	255	0% to 100%	
89	Ring Blue 1	000	-	255	0% to 100%	
90	Ring Red 2	000	-	255	0% to 100%	Ring Pixel 2
91	Ring Green 2	000	-	255	0% to 100%	
92	Ring Blue 2	000	-	255	0% to 100%	
93	Ring Red 3	000	-	255	0% to 100%	Ring Pixel 3
94	Ring Green 3	000	-	255	0% to 100%	
95	Ring Blue 3	000	-	255	0% to 100%	
96	Ring Red 4	000	-	255	0% to 100%	Ring Pixel 4
97	Ring Green 4	000	-	255	0% to 100%	
98	Ring Blue 4	000	-	255	0% to 100%	
99	Ring Red 5	000	-	255	0% to 100%	Ring Pixel 5
100	Ring Green 5	000	-	255	0% to 100%	
101	Ring Blue 5	000	-	255	0% to 100%	
102	Ring Red 6	000	-	255	0% to 100%	Ring Pixel 6
103	Ring Green 6	000	-	255	0% to 100%	
104	Ring Blue 6	000	-	255	0% to 100%	
105	Ring Red 7	000	-	255	0% to 100%	Ring Pixel 7
106	Ring Green 7	000	-	255	0% to 100%	
107	Ring Blue 7	000	-	255	0% to 100%	
108	Ring Red 8	000	-	255	0% to 100%	Ring Pixel 8
109	Ring Green 8	000	-	255	0% to 100%	
110	Ring Blue 8	000	-	255	0% to 100%	



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IP65 WASH MOVING HEAD  
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	111	Ring Red 9	000	-	255	0% to 100%	Ring Pixel 9
	112	Ring Green 9	000	-	255	0% to 100%	
	113	Ring Blue 9	000	-	255	0% to 100%	
	114	Ring Red 10	000	-	255	0% to 100%	Ring Pixel 10
	115	Ring Green 10	000	-	255	0% to 100%	
	116	Ring Blue 10	000	-	255	0% to 100%	
	117	Ring Red 11	000	-	255	0% to 100%	Ring Pixel 11
	118	Ring Green 11	000	-	255	0% to 100%	
	119	Ring Blue 11	000	-	255	0% to 100%	
	120	Ring Red 12	000	-	255	0% to 100%	Ring Pixel 12
	121	Ring Green 12	000	-	255	0% to 100%	
	122	Ring Blue 12	000	-	255	0% to 100%	
	123	Ring Red 13	000	-	255	0% to 100%	Ring Pixel 13
	124	Ring Green 13	000	-	255	0% to 100%	
	125	Ring Blue 13	000	-	255	0% to 100%	
	126	Ring Red 14	000	-	255	0% to 100%	Ring Pixel 14
	127	Ring Green 14	000	-	255	0% to 100%	
	128	Ring Blue 14	000	-	255	0% to 100%	
	129	Ring Red 15	000	-	255	0% to 100%	Ring Pixel 15
	130	Ring Green 15	000	-	255	0% to 100%	
	131	Ring Blue 15	000	-	255	0% to 100%	
	132	Ring Red 16	000	-	255	0% to 100%	Ring Pixel 16
	133	Ring Green 16	000	-	255	0% to 100%	
	134	Ring Blue 16	000	-	255	0% to 100%	
	135	Ring Red 17	000	-	255	0% to 100%	Ring Pixel 17
	136	Ring Green 17	000	-	255	0% to 100%	
	137	Ring Blue 17	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	138	Ring Red 18	000	-	255	0% to 100%	
	139	Ring Green 18	000	-	255	0% to 100%	Ring Pixel 18
	140	Ring Blue 18	000	-	255	0% to 100%	
	141	Ring Red 19	000	-	255	0% to 100%	
	142	Ring Green 19	000	-	255	0% to 100%	Ring Pixel 19
	143	Ring Blue 19	000	-	255	0% to 100%	
	144	Ring Red 20	000	-	255	0% to 100%	
	145	Ring Green 20	000	-	255	0% to 100%	Ring Pixel 20
	146	Ring Blue 20	000	-	255	0% to 100%	
	147	Ring Red 21	000	-	255	0% to 100%	
	148	Ring Green 21	000	-	255	0% to 100%	Ring Pixel 21
	149	Ring Blue 21	000	-	255	0% to 100%	
	150	Ring Red 22	000	-	255	0% to 100%	
	151	Ring Green 22	000	-	255	0% to 100%	Ring Pixel 22
	152	Ring Blue 22	000	-	255	0% to 100%	
	153	Ring Red 23	000	-	255	0% to 100%	
	154	Ring Green 23	000	-	255	0% to 100%	Ring Pixel 23
	155	Ring Blue 23	000	-	255	0% to 100%	
	156	Ring Red 24	000	-	255	0% to 100%	
	157	Ring Green 24	000	-	255	0% to 100%	Ring Pixel 24
	158	Ring Blue 24	000	-	255	0% to 100%	
	159	Ring Red 25	000	-	255	0% to 100%	
	160	Ring Green 25	000	-	255	0% to 100%	Ring Pixel 25
	161	Ring Blue 25	000	-	255	0% to 100%	
	162	Ring Red 26	000	-	255	0% to 100%	
	163	Ring Green 26	000	-	255	0% to 100%	Ring Pixel 26
	164	Ring Blue 26	000	-	255	0% to 100%	

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	165	Ring Red 27	000	-	255	0% to 100%	
	166	Ring Green 27	000	-	255	0% to 100%	Ring Pixel 27
	167	Ring Blue 27	000	-	255	0% to 100%	
	168	Ring Red 28	000	-	255	0% to 100%	
	169	Ring Green 28	000	-	255	0% to 100%	Ring Pixel 28
	170	Ring Blue 28	000	-	255	0% to 100%	
	171	Ring Red 29	000	-	255	0% to 100%	
	172	Ring Green 29	000	-	255	0% to 100%	Ring Pixel 29
	173	Ring Blue 29	000	-	255	0% to 100%	
	174	Ring Red 30	000	-	255	0% to 100%	
	175	Ring Green 30	000	-	255	0% to 100%	Ring Pixel 30
	176	Ring Blue 30	000	-	255	0% to 100%	
	177	Ring Red 31	000	-	255	0% to 100%	
	178	Ring Green 31	000	-	255	0% to 100%	Ring Pixel 31
	179	Ring Blue 31	000	-	255	0% to 100%	
	180	Ring Red 32	000	-	255	0% to 100%	
	181	Ring Green 32	000	-	255	0% to 100%	Ring Pixel 32
	182	Ring Blue 32	000	-	255	0% to 100%	
	183	Ring Red 33	000	-	255	0% to 100%	
	184	Ring Green 33	000	-	255	0% to 100%	Ring Pixel 33
	185	Ring Blue 33	000	-	255	0% to 100%	
	186	Ring Red 34	000	-	255	0% to 100%	
	187	Ring Green 34	000	-	255	0% to 100%	Ring Pixel 34
	188	Ring Blue 34	000	-	255	0% to 100%	
	189	Ring Red 35	000	-	255	0% to 100%	
	190	Ring Green 35	000	-	255	0% to 100%	Ring Pixel 35
	191	Ring Blue 35	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



	192	Ring Red 36	000	-	255	0% to 100%	
	193	Ring Green 36	000	-	255	0% to 100%	Ring Pixel 36
	194	Ring Blue 36	000	-	255	0% to 100%	
	195	Ring Red 37	000	-	255	0% to 100%	
	196	Ring Green 37	000	-	255	0% to 100%	Ring Pixel 37
	197	Ring Blue 37	000	-	255	0% to 100%	
	198	Ring Red 38	000	-	255	0% to 100%	
	199	Ring Green 38	000	-	255	0% to 100%	Ring Pixel 38
	200	Ring Blue 38	000	-	255	0% to 100%	
	201	Ring Red 39	000	-	255	0% to 100%	
	202	Ring Green 39	000	-	255	0% to 100%	Ring Pixel 39
	203	Ring Blue 39	000	-	255	0% to 100%	
	204	Ring Red 40	000	-	255	0% to 100%	
	205	Ring Green 40	000	-	255	0% to 100%	Ring Pixel 40
	206	Ring Blue 40	000	-	255	0% to 100%	
	207	Ring Red 41	000	-	255	0% to 100%	
	208	Ring Green 41	000	-	255	0% to 100%	Ring Pixel 41
	209	Ring Blue 41	000	-	255	0% to 100%	
	210	Ring Red 42	000	-	255	0% to 100%	
	211	Ring Green 42	000	-	255	0% to 100%	Ring Pixel 42
	212	Ring Blue 42	000	-	255	0% to 100%	
	213	Ring Red 43	000	-	255	0% to 100%	
	214	Ring Green 43	000	-	255	0% to 100%	Ring Pixel 43
	215	Ring Blue 43	000	-	255	0% to 100%	
	216	Ring Red 44	000	-	255	0% to 100%	
	217	Ring Green 44	000	-	255	0% to 100%	Ring Pixel 44
	218	Ring Blue 44	000	-	255	0% to 100%	

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	219	Ring Red 45	000	-	255	0% to 100%	
	220	Ring Green 45	000	-	255	0% to 100%	Ring Pixel 45
	221	Ring Blue 45	000	-	255	0% to 100%	
	222	Ring Red 46	000	-	255	0% to 100%	
	223	Ring Green 46	000	-	255	0% to 100%	Ring Pixel 46
	224	Ring Blue 46	000	-	255	0% to 100%	
	225	Ring Red 47	000	-	255	0% to 100%	
	226	Ring Green 47	000	-	255	0% to 100%	Ring Pixel 47
	227	Ring Blue 47	000	-	255	0% to 100%	
	228	Ring Red 48	000	-	255	0% to 100%	
	229	Ring Green 48	000	-	255	0% to 100%	Ring Pixel 48
	230	Ring Blue 48	000	-	255	0% to 100%	
	231	Ring Red 49	000	-	255	0% to 100%	
	232	Ring Green 49	000	-	255	0% to 100%	Ring Pixel 49
	233	Ring Blue 49	000	-	255	0% to 100%	
	234	Ring Red 50	000	-	255	0% to 100%	
	235	Ring Green 50	000	-	255	0% to 100%	Ring Pixel 50
	236	Ring Blue 50	000	-	255	0% to 100%	
	237	Ring Red 51	000	-	255	0% to 100%	
	238	Ring Green 51	000	-	255	0% to 100%	Ring Pixel 51
	239	Ring Blue 51	000	-	255	0% to 100%	
	240	Ring Red 52	000	-	255	0% to 100%	
	241	Ring Green 52	000	-	255	0% to 100%	Ring Pixel 52
	242	Ring Blue 52	000	-	255	0% to 100%	
	243	Ring Red 53	000	-	255	0% to 100%	
	244	Ring Green 53	000	-	255	0% to 100%	Ring Pixel 53
	245	Ring Blue 53	000	-	255	0% to 100%	

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DMX CONTROL TABLE



	246	Ring Red 54	000	-	255	0% to 100%	
	247	Ring Green 54	000	-	255	0% to 100%	Ring Pixel 54
	248	Ring Blue 54	000	-	255	0% to 100%	
	249	Ring Red 55	000	-	255	0% to 100%	
	250	Ring Green 55	000	-	255	0% to 100%	Ring Pixel 55
	251	Ring Blue 55	000	-	255	0% to 100%	
	252	Ring Red 56	000	-	255	0% to 100%	
	253	Ring Green 56	000	-	255	0% to 100%	Ring Pixel 56
	254	Ring Blue 56	000	-	255	0% to 100%	
	255	Ring Red 57	000	-	255	0% to 100%	
	256	Ring Green 57	000	-	255	0% to 100%	Ring Pixel 57
	257	Ring Blue 57	000	-	255	0% to 100%	
	258	Ring Red 58	000	-	255	0% to 100%	
	259	Ring Green 58	000	-	255	0% to 100%	Ring Pixel 58
	260	Ring Blue 58	000	-	255	0% to 100%	
	261	Ring Red 59	000	-	255	0% to 100%	
	262	Ring Green 59	000	-	255	0% to 100%	Ring Pixel 59
	263	Ring Blue 59	000	-	255	0% to 100%	
	264	Ring Red 60	000	-	255	0% to 100%	
	265	Ring Green 60	000	-	255	0% to 100%	Ring Pixel 60
	266	Ring Blue 60	000	-	255	0% to 100%	
	267	Ring Red 61	000	-	255	0% to 100%	
	268	Ring Green 61	000	-	255	0% to 100%	Ring Pixel 61
	269	Ring Blue 61	000	-	255	0% to 100%	
	270	Ring Red 62	000	-	255	0% to 100%	
	271	Ring Green 62	000	-	255	0% to 100%	Ring Pixel 62
	272	Ring Blue 62	000	-	255	0% to 100%	

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IP65 WASH MOVING HEAD  
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	273	Ring Red 63	000	-	255	0% to 100%	
	274	Ring Green 63	000	-	255	0% to 100%	Ring Pixel 63
	275	Ring Blue 63	000	-	255	0% to 100%	
	276	Ring Red 64	000	-	255	0% to 100%	
	277	Ring Green 64	000	-	255	0% to 100%	Ring Pixel 64
	278	Ring Blue 64	000	-	255	0% to 100%	
	279	Ring Red 65	000	-	255	0% to 100%	
	280	Ring Green 65	000	-	255	0% to 100%	Ring Pixel 65
	281	Ring Blue 65	000	-	255	0% to 100%	
	282	Ring Red 66	000	-	255	0% to 100%	
	283	Ring Green 66	000	-	255	0% to 100%	Ring Pixel 66
	284	Ring Blue 66	000	-	255	0% to 100%	
	285	Ring Red 67	000	-	255	0% to 100%	
	286	Ring Green 67	000	-	255	0% to 100%	Ring Pixel 67
	287	Ring Blue 67	000	-	255	0% to 100%	
	288	Ring Red 68	000	-	255	0% to 100%	
	289	Ring Green 68	000	-	255	0% to 100%	Ring Pixel 68
	290	Ring Blue 68	000	-	255	0% to 100%	

## 49CH RGLB Rings

Channel	Function	Values				Sub-group
1	Pan	000	-	255	0% to 100%	Pan
2	Pan fine	000	-	255		
3	Tilt	000	-	255	0% to 100%	Tilt
4	Tilt fine	000	-	255		

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IP65 WASH MOVING HEAD  
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5	Dimmer (segment 1)	000	-	255	0% to 100%	Dimmer
6	Dimmer (segment 1) fine	000	-	255		
7	Dimmer (segment 2)	000	-	255	0% to 100%	
8	Dimmer (segment 2) fine	000	-	255		
9	Strobe Functions (segment 1)	000	-	005	Open	Multi-functional Strobe
		006	-	010	Closed	
		011	-	022	Ramp up/down slow to fast	
		023	-	033	Ramp up/down random slow to fast	
		034	-	045	Ramp up slow to fast	
		046	-	056	Ramp up random slow to fast	
		057	-	068	Ramp down slow to fast	
		069	-	079	Ramp down random slow to fast	
		080	-	102	Random Strobe effect slow to fast	
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
		251	-	255	Open	
10	Strobe Functions (segment 2)	000	-	005	Open	
		006	-	010	Closed	
		011	-	022	Ramp up/down slow to fast	
		023	-	033	Ramp up/down random slow to fast	
		034	-	045	Ramp up slow to fast	
		046	-	056	Ramp up random slow to fast	
		057	-	068	Ramp down slow to fast	
		069	-	079	Ramp down random slow to fast	
		080	-	102	Random Strobe effect slow to fast	
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
		251	-	255	Open	



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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



11	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT
		006	-	006	Warm white	
		007	-	046	Warm white to 2700K	
		047	-	047	Bulb White (2700K)	
		048	-	087	2700K to 3200K	
		088	-	088	Halogen White (3200K)	
		089	-	128	3200K to 4000K	
		129	-	129	Neutral White (4000K)	
		130	-	169	4000K to 5600K	
		170	-	170	Studio White (5600K)	
		171	-	210	5600K to 6500K	
		211	-	211	Daylight White (6500K)	
		212	-	251	6500K to Cold white	
		252	-	255	Cold white	
12	Tint (affects Color Temperature)	000	-	000	Off	Tint
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	
13	Ring Dimmer	000	-	255	0% to 100%	Ring
14	Ring Strobe	000	-	005	Open	
		006	-	010	Closed	
		011	-	022	Ramp up/down slow to fast	
		023	-	033	Ramp up/down random slow to fast	
		034	-	045	Ramp up slow to fast	
		046	-	056	Ramp up random slow to fast	
		057	-	068	Ramp down slow to fast	
		069	-	079	Ramp down random slow to fast	
		080	-	102	Random Strobe effect slow to fast	
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
		251	-	255	Open	
15	Zoom (segment 1)	000	-	255	Narrow to Wide	
16	Zoom (segment 2)	000	-	255	Narrow to Wide	

17	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	
		006 - 007	Blackout while P/T moving On	Blackout
		008 - 009	Blackout while P/T moving Off	
		010 - 017	No function	
		018 - 019	Sleep Mode On	Energy Saving
		020 - 021	Sleep Mode Off/Wake Up	
		022 - 024	No function	
		025 - 025	Record User Scene 1	User Colors
		026 - 026	Record User Scene 2	
		027 - 027	Record User Scene 3	
		028 - 028	Record User Scene 4	
		029 - 029	Record User Scene 5	
		030 - 030	Record User Scene 6	
		031 - 031	Record User Scene 7	
		032 - 032	Record User Scene 8	
		033 - 041	No function	
		042 - 043	Invert Pan On	Movement
		044 - 045	Invert Pan Off	
		046 - 047	Invert Tilt On	
		048 - 049	Invert Tilt Off	
		050 - 051	Pan Angle 540°	
		052 - 053	Pan Angle 630°	
		054 - 057	No Function	
		058 - 059	Pixel Mirroring Off	Pixel Mirroring
		060 - 061	Pixel Mirroring Horizontal	
		062 - 063	Pixel Mirroring Vertical	
		064 - 065	Pixel Mirroring Horizontal + Vertical	
		066 - 073	No function	
		074 - 075	Dimmer Response LED	Dimming
		076 - 077	Dimmer Response Halogen	
		078 - 081	No function	
082 - 083	DTW (Redshift) On			
084 - 085	DTW (Redshift) Off			
086 - 093	No function			
094 - 095	Silent movement On	Noise Functions		
096 - 097	Silent movement Off			
098 - 099	Fan Auto			

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17	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	100	-	101	Fan Off	Noise Functions
		102	-	103	Fan Constant Low	
		104	-	105	Fan Constant Medium	
		106	-	107	Fan Constant High	
		108	-	119	No function	PWM Fre- quency
		120	-	121	PWM 1 (650 Hz)	
		122	-	123	PWM 2 (1530 Hz)	
		124	-	125	PWM 3 (3600 Hz)	
		126	-	127	PWM 4 (12000 Hz)	
		128	-	129	PWM 5 (18900 Hz)	
		130	-	131	PWM 6 (25000 Hz)	Color Cal- ibration
		132	-	135	No function	
		136	-	137	User Calibration	
		138	-	139	Smart Calibration	Display Functions
		140	-	141	Display Always On	
		142	-	143	Display Off after 20s	Dimmer Curve
		144	-	163	No function	
		164	-	165	Dimmer Curve Linear	
		166	-	167	Dimmer Curve Exponential	
		168	-	169	Dimmer Curve Logarithmic	
		170	-	171	Dimmer Curve S-Curve	Reset
		172	-	221	No function	
		222	-	223	Reset Pan / Tilt	
		224	-	233	No function	
		234	-	235	Reset Head	Load Default
236	-	237	Reset All			
238	-	239	No function			
240	-	241	Load Factory Defaults			
242	-	243	Load Factory Defaults (without User Scenes & Loops)			
244	-	245	Load User Default A			
246	-	247	Load User Default B			
248	-	249	Load User Default C			
250	-	255	no function			

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IP65 WASH MOVING HEAD  
DMX CONTROL TABLE



18	Red (segment 1)	000	-	255	0% to 100%	Color Mixing segments
19	Green (segment 1)	000	-	255	0% to 100%	
20	Blue (segment 1)	000	-	255	0% to 100%	
21	Lime (segment 1)	000	-	255	0% to 100%	
22	Red (segment 2)	000	-	255	0% to 100%	
23	Green (segment 2)	000	-	255	0% to 100%	
24	Blue (segment 2)	000	-	255	0% to 100%	
25	Lime (segment 2)	000	-	255	0% to 100%	
26	Ring Red (segment 1)	000	-	255	0% to 100%	Ring seg- ments
27	Ring Green (segment 1)	000	-	255	0% to 100%	
28	Ring Blue (segment 1)	000	-	255	0% to 100%	
29	Ring Red (segment 2)	000	-	255	0% to 100%	
30	Ring Green (segment 2)	000	-	255	0% to 100%	
31	Ring Blue (segment 2)	000	-	255	0% to 100%	
32	Ring Red (segment 3)	000	-	255	0% to 100%	
33	Ring Green (segment 3)	000	-	255	0% to 100%	
34	Ring Blue (segment 3)	000	-	255	0% to 100%	
35	Ring Red (segment 4)	000	-	255	0% to 100%	
36	Ring Green (segment 4)	000	-	255	0% to 100%	
37	Ring Blue (segment 4)	000	-	255	0% to 100%	
38	Ring Red (segment 5)	000	-	255	0% to 100%	
39	Ring Green (segment 5)	000	-	255	0% to 100%	

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40	Ring Blue (segment 5)	000	-	255	0% to 100%	Ring segments
41	Ring Red (segment 6)	000	-	255	0% to 100%	
42	Ring Green (segment 6)	000	-	255	0% to 100%	
43	Ring Blue (segment 6)	000	-	255	0% to 100%	
44	Ring Red (segment 7)	000	-	255	0% to 100%	
45	Ring Green (segment 7)	000	-	255	0% to 100%	
46	Ring Blue (segment 7)	000	-	255	0% to 100%	
47	Ring Red (segment 8)	000	-	255	0% to 100%	
48	Ring Green (segment 8)	000	-	255	0% to 100%	
49	Ring Blue (segment 8)	000	-	255	0% to 100%	

## 100CH RGLB Pixel

Channel	Function	Values			Sub-group	
1	Pan	000	-	255	Pan	
2	Pan fine	000	-	255		
3	Tilt	000	-	255	Tilt	
4	Tilt fine	000	-	255		
5	Dimmer	000	-	255	Dimmer	
6	Dimmer fine	000	-	255		
7	Strobe Functions	000	-	005	Open	Multi-functional Strobe
		006	-	010	Closed	
		011	-	022	Ramp up/down slow to fast	
		023	-	033	Ramp up/down random slow to fast	
		034	-	045	Ramp up slow to fast	
		046	-	056	Ramp up random slow to fast	

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7	Strobe Functions	057 - 068	Ramp down slow to fast	Multi-functional Strobe
		069 - 079	Ramp down random slow to fast	
		080 - 102	Random Strobe effect slow to fast	
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
		251 - 255	Open	
8	Ring Dimmer	000 - 255	0% to 100%	Ring
9	Ring Strobe	000 - 005	Open	
		006 - 010	Closed	
		011 - 022	Ramp up/down slow to fast	
		023 - 033	Ramp up/down random slow to fast	
		034 - 045	Ramp up slow to fast	
		046 - 056	Ramp up random slow to fast	
		057 - 068	Ramp down slow to fast	
		069 - 079	Ramp down random slow to fast	
		080 - 102	Random Strobe effect slow to fast	
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)	
		251 - 255	Open	
		10	Zoom (Segment 1)	
11	Zoom (Segment 2)	000 - 255	Narrow to Wide	
12	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Control
		006 - 007	Blackout while P/T moving On	
		008 - 009	Blackout while P/T moving Off	
		010 - 017	No function	
		018 - 019	Sleep Mode On	
		020 - 021	Sleep Mode Off/Wake Up	
		022 - 024	No function	
		025 - 025	Record User Scene 1	
		026 - 026	Record User Scene 2	
		027 - 027	Record User Scene 3	
		028 - 028	Record User Scene 4	
		029 - 029	Record User Scene 5	
		030 - 030	Record User Scene 6	

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12	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	031	-	031	Record User Scene 7	Control
		032	-	032	Record User Scene 8	
		033	-	041	No function	
		042	-	043	Invert Pan On	
		044	-	045	Invert Pan Off	
		046	-	047	Invert Tilt On	
		048	-	049	Invert Tilt Off	
		050	-	051	Pan Angle 540°	
		052	-	053	Pan Angle 630°	
		054	-	057	No Function	
		058	-	059	Pixel Mirroring Off	
		060	-	061	Pixel Mirroring Horizontal	
		062	-	063	Pixel Mirroring Vertical	
		064	-	065	Pixel Mirroring Horizontal + Vertical	
		066	-	073	No function	
		074	-	075	Dimmer Response LED	
		076	-	077	Dimmer Response Halogen	
		078	-	081	No function	
		082	-	083	DTW (Redshift) On	
		084	-	085	DTW (Redshift) Off	
		086	-	093	No function	
		094	-	095	Silent movement On	
		096	-	097	Silent movement Off	
		098	-	099	Fan Auto	
		100	-	101	Fan Off	
		102	-	103	Fan Constant Low	
		104	-	105	Fan Constant Medium	
		106	-	107	Fan Constant High	
		108	-	119	No function	
		120	-	121	PWM 1 (650 Hz)	
		122	-	123	PWM 2 (1530 Hz)	
		124	-	125	PWM 3 (3600 Hz)	
		126	-	127	PWM 4 (12000 Hz)	
128	-	129	PWM 5 (18900 Hz)			
130	-	131	PWM 6 (25000 Hz)			
132	-	135	No function			
136	-	137	User Calibration			

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12	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	138 - 139	Smart Calibration	Control
		140 - 141	Display Always On	
		142 - 143	Display Off after 20s	
		144 - 163	No function	
		164 - 165	Dimmer Curve Linear	
		166 - 167	Dimmer Curve Exponential	
		168 - 169	Dimmer Curve Logarithmic	
		170 - 171	Dimmer Curve S-Curve	
		172 - 221	No function	
		222 - 223	Reset Pan / Tilt	
		224 - 233	No function	
		234 - 235	Reset Head	
		236 - 237	Reset All	
		238 - 239	No function	
		240 - 241	Load Factory Defaults	
		242 - 243	Load Factory Defaults (without User Scenes & Loops)	
		244 - 245	Load User Default A	
246 - 247	Load User Default B			
248 - 249	Load User Default C			
250 - 255	no function			
13	Red 1	000 - 255	0% to 100%	Color Mixing Pixel 1
14	Green 1	000 - 255	0% to 100%	
15	Blue 1	000 - 255	0% to 100%	
16	Lime 1	000 - 255	0% to 100%	
17	Red 2	000 - 255	0% to 100%	Color Mixing Pixel 2
18	Green 2	000 - 255	0% to 100%	
19	Blue 2	000 - 255	0% to 100%	
20	Lime 2	000 - 255	0% to 100%	
21	Red 3	000 - 255	0% to 100%	Color Mixing Pixel 3
22	Green 3	000 - 255	0% to 100%	
23	Blue 3	000 - 255	0% to 100%	
24	Lime 3	000 - 255	0% to 100%	
25	Red 4	000 - 255	0% to 100%	Color Mixing Pixel 4
26	Green 4	000 - 255	0% to 100%	
27	Blue 4	000 - 255	0% to 100%	
28	Lime 4	000 - 255	0% to 100%	



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29	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5
30	Green 5	000	-	255	0% to 100%	
31	Blue 5	000	-	255	0% to 100%	
32	Lime 5	000	-	255	0% to 100%	
33	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6
34	Green 6	000	-	255	0% to 100%	
35	Blue 6	000	-	255	0% to 100%	
36	Lime 6	000	-	255	0% to 100%	
37	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7
38	Green 7	000	-	255	0% to 100%	
39	Blue 7	000	-	255	0% to 100%	
40	Lime 7	000	-	255	0% to 100%	
41	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
42	Green 8	000	-	255	0% to 100%	
43	Blue 8	000	-	255	0% to 100%	
44	Lime 8	000	-	255	0% to 100%	
45	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
46	Green 9	000	-	255	0% to 100%	
47	Blue 9	000	-	255	0% to 100%	
48	Lime 9	000	-	255	0% to 100%	
49	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
50	Green 10	000	-	255	0% to 100%	
51	Blue 10	000	-	255	0% to 100%	
52	Lime 10	000	-	255	0% to 100%	
53	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
54	Green 11	000	-	255	0% to 100%	
55	Blue 11	000	-	255	0% to 100%	
56	Lime 11	000	-	255	0% to 100%	
57	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
58	Green 12	000	-	255	0% to 100%	
59	Blue 12	000	-	255	0% to 100%	
60	Lime 12	000	-	255	0% to 100%	
61	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
62	Green 13	000	-	255	0% to 100%	
63	Blue 13	000	-	255	0% to 100%	
64	Lime 13	000	-	255	0% to 100%	

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65	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
66	Green 14	000	-	255	0% to 100%	
67	Blue 14	000	-	255	0% to 100%	
68	Lime 14	000	-	255	0% to 100%	
69	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
70	Green 15	000	-	255	0% to 100%	
71	Blue 15	000	-	255	0% to 100%	
72	Lime 15	000	-	255	0% to 100%	
73	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
74	Green 16	000	-	255	0% to 100%	
75	Blue 16	000	-	255	0% to 100%	
76	Lime 16	000	-	255	0% to 100%	
77	Ring Red (segment 1)	000	-	255	0% to 100%	Ring segments
78	Ring Green (segment 1)	000	-	255	0% to 100%	
79	Ring Blue (segment 1)	000	-	255	0% to 100%	
80	Ring Red (segment 2)	000	-	255	0% to 100%	
81	Ring Green (segment 2)	000	-	255	0% to 100%	
82	Ring Blue (segment 2)	000	-	255	0% to 100%	
83	Ring Red (segment 3)	000	-	255	0% to 100%	
84	Ring Green (segment 3)	000	-	255	0% to 100%	
85	Ring Blue (segment 3)	000	-	255	0% to 100%	
86	Ring Red (segment 4)	000	-	255	0% to 100%	
87	Ring Green (segment 4)	000	-	255	0% to 100%	
88	Ring Blue (segment 4)	000	-	255	0% to 100%	
89	Ring Red (segment 5)	000	-	255	0% to 100%	

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90	Ring Green (segment 5)	000	-	255	0% to 100%	Ring segments
91	Ring Blue (segment 5)	000	-	255	0% to 100%	
92	Ring Red (segment 6)	000	-	255	0% to 100%	
93	Ring Green (segment 6)	000	-	255	0% to 100%	
94	Ring Blue (segment 6)	000	-	255	0% to 100%	
95	Ring Red (segment 7)	000	-	255	0% to 100%	
96	Ring Green (segment 7)	000	-	255	0% to 100%	
97	Ring Blue (segment 7)	000	-	255	0% to 100%	
98	Ring Red (segment 8)	000	-	255	0% to 100%	
99	Ring Green (segment 8)	000	-	255	0% to 100%	
100	Ring Blue (segment 8)	000	-	255	0% to 100%	

**EN:** (1\*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

**DE:** (1\*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.

**FR:** (1\*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.

**ES:** (1\*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.

**PL:** (1\*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.

**IT:** (1\*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.