

EVOS® W7 IP

IP65 LED WASH-MOVING HEAD DMX CONTROL TABLE



87-CH RGB(W) Pixel Mode					DMX, W-DMX, Art-Net, sACN	Art-Net + DMX, sACN + DMX	Kling-Net + DMX	
CH1	Pan	000	-	255	0% to 100%	DMX Address 001 – 426	Main Address 001-502	Main Address (DMX) 001-502
CH2	Pan Fine	000	-	255	0% to 100%			
CH3	Tilt	000	-	255	0% to 100%			
CH4	Tilt Fine	000	-	255	0% to 100%			
CH5	Dimmer	000	-	255	Master Dimmer 0–100%			
CH6	Dimmer Fine	000	-	255	Master Fine Dimmer 0–100%			
CH7	Strobe	000	-	005	Strobe open			
		006	-	010	Strobe closed			
		011	-	033	Pulse random, slow -> fast			
		034	-	056	Ramp up random, slow -> fast			
		057	-	079	Ramp down random, slow -> fast			
		080	-	102	Random strobe effect, slow -> fast			
		103	-	127	Strobe break effect, 5 s.....1 s (very short flash)			
		128	-	250	Strobe slow -> fast <1 Hz -> 20 Hz			
251	-	255	Strobe open					
CH8	Zoom	000	-	255	narrow – wide			
CH9	Zoom Fine	000	-	255	0% to 100%			
CH10	Pan/Tilt Speed	000	-	255	Movement Speed fast -> slow			
CH11	Device settings	000	-	005	no function			
		006	-	007	Blackout while moving on (hold 3 s)			
		008	-	009	Blackout while moving off (hold 3 s)			
		010	-	041	Spare			
		042	-	043	Invert Pan on (hold 3 s)			
		044	-	045	Invert Pan off (hold 5 s)			
		046	-	047	Invert Tilt on (hold 3 s)			
		048	-	049	Invert Tilt off (hold 5 s)			
		050	-	073	Spare			
		074	-	075	Dimmer response LED (hold 3 s)			
		076	-	077	Dimmer response halogen (hold 3 s)			
		078	-	097	Spare			
		098	-	099	Silent Fan (hold 3 s)			
		100	-	101	Auto Fan (hold 3 s)			
		102	-	103	Normal Fan (hold 3 s)			
		104	-	119	Spare			
		120	-	121	LED PWM frequency 800 Hz (hold 3 s)			
122	-	123	LED PWM frequency 1200 Hz (hold 3 s)					
		124	-	125	LED PWM frequency 2000 Hz (hold 3 s)			

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CH11	Device settings (please read remark 1*)		126	-	127	LED PWM frequency 3600Hz (hold 3 s)	DMX Address 001 – 426	Main Address 001-502	Main Address (DMX) 001-502		
			128	-	129	LED PWM frequency 12 kHz (hold 3 s)					
			130	-	131	LED PWM frequency 25 kHz (hold 3 s)					
			132	-	139	Spare					
			140	-	141	Display on (hold 3 s)					
			142	-	143	Display off (hold 3 s)					
			144	-	163	Spare					
			164	-	165	Dimmer curve linear (hold 3 s)					
			166	-	167	Dimmer curve exponential (hold 3 s)					
			168	-	169	Dimmer curve logarithmic (hold 3 s)					
			170	-	171	Dimmer curve s-curve (hold 3 s)					
			172	-	173	LED arrangement normal (hold 3 s) (standard)					
			174	-	175	LED arrangement 90° (hold 3 s)					
			176	-	177	LED arrangement 180° (hold 3 s)					
			178	-	179	LED arrangement 270° (hold 3 s)					
			180	-	181	LED arrangement mirrored (hold 3 s)					
			182	-	221	Spare					
			222	-	223	Reset Pan/Tilt (hold 3 s)					
			224	-	227	Spare					
			228	-	229	Reset Zoom (hold 3 s)					
230	-	235	Spare								
236	-	237	Reset all functions (hold 3 s)								
238	-	245	Spare								
246	-	255	no function								
Pixel Mode											
RGBW		RGB									
CH12	CH1	CH1	Red 1	000	-	255	0 % to 100 %	Pixel Address RGBW Pixel Mode 001-437 RGB Pixel Mode 001-456	Kling-Net		
CH13	CH2	CH2	Green 1	000	-	255	0 % to 100 %				
CH14	CH3	CH3	Blue 1	000	-	255	0 % to 100 %				
CH15	CH4		White 1	000	-	255	0 % to 100 %				
CH16	CH5	CH4	Red 2	000	-	255	0 % to 100 %				
CH17	CH6	CH5	Green 2	000	-	255	0 % to 100 %				
CH18	CH7	CH6	Blue 2	000	-	255	0 % to 100 %				
CH19	CH8		White 2	000	-	255	0 % to 100 %				
CH20	CH9	CH7	Red 3	000	-	255	0 % to 100 %				
CH21	CH10	CH8	Green 3	000	-	255	0 % to 100 %				
CH22	CH11	CH9	Blue 3	000	-	255	0 % to 100 %				
CH23	CH12		White 3	000	-	255	0 % to 100 %				
CH24	CH13	CH10	Red 4	000	-	255	0 % to 100 %				

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CH25	CH14	CH11	Green 4	000	-	255	0% to 100%	Pixel Address RGBW Pixel Mode 001-437	Kling-Net
CH26	CH15	CH12	Blue 4	000	-	255	0% to 100%		
CH27	CH16		White 4	000	-	255	0% to 100%		
CH28	CH17	CH13	Red 5	000	-	255	0% to 100%		
CH29	CH18	CH14	Green 5	000	-	255	0% to 100%		
CH30	CH19	CH15	Blue 5	000	-	255	0% to 100%		
CH31	CH20		White 5	000	-	255	0% to 100%		
CH32	CH21	CH16	Red 6	000	-	255	0% to 100%		
CH33	CH22	CH17	Green 6	000	-	255	0% to 100%		
CH34	CH23	CH18	Blue 6	000	-	255	0% to 100%		
CH35	CH24		White 6	000	-	255	0% to 100%		
CH36	CH25	CH19	Red 7	000	-	255	0% to 100%		
CH37	CH26	CH20	Green 7	000	-	255	0% to 100%		
CH38	CH27	CH21	Blue 7	000	-	255	0% to 100%		
CH39	CH28		White 7	000	-	255	0% to 100%		
CH40	CH29	CH22	Red 8	000	-	255	0% to 100%		
CH41	CH30	CH23	Green 8	000	-	255	0% to 100%		
CH42	CH31	CH24	Blue 8	000	-	255	0% to 100%		
CH43	CH32		White 8	000	-	255	0% to 100%		
CH44	CH33	CH25	Red 9	000	-	255	0% to 100%		
CH45	CH34	CH26	Green 9	000	-	255	0% to 100%		
CH46	CH35	CH27	Blue 9	000	-	255	0% to 100%		
CH47	CH36		White 9	000	-	255	0% to 100%		
CH48	CH37	CH28	Red 10	000	-	255	0% to 100%		
CH49	CH38	CH29	Green 10	000	-	255	0% to 100%		
CH50	CH39	CH30	Blue 10	000	-	255	0% to 100%		
CH51	CH40		White 10	000	-	255	0% to 100%		
CH52	CH41	CH31	Red 11	000	-	255	0% to 100%		
CH53	CH42	CH32	Green 11	000	-	255	0% to 100%		
CH54	CH43	CH33	Blue 11	000	-	255	0% to 100%		
CH55	CH44		White 11	000	-	255	0% to 100%		
CH56	CH45	CH34	Red 12	000	-	255	0% to 100%		
CH57	CH46	CH35	Green 12	000	-	255	0% to 100%		
CH58	CH47	CH36	Blue 12	000	-	255	0% to 100%		
CH59	CH48		White 12	000	-	255	0% to 100%		
CH60	CH49	CH37	Red 13	000	-	255	0% to 100%		
CH61	CH50	CH38	Green 13	000	-	255	0% to 100%		
CH62	CH51	CH39	Blue 13	000	-	255	0% to 100%		
CH63	CH52		White 13	000	-	255	0% to 100%		
CH64	CH53	CH40	Red 14	000	-	255	0% to 100%		
CH65	CH54	CH41	Green 14	000	-	255	0% to 100%		

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CH66	CH55	CH42	Blue 14	000	-	255	0% to 100%	Pixel Address RGB Pixel Mode 001-437 RGB Pixel Mode 001-456	Kling-Net
CH67	CH56		White 14	000	-	255	0% to 100%		
CH68	CH57	CH43	Red 15	000	-	255	0% to 100%		
CH69	CH58	CH44	Green 15	000	-	255	0% to 100%		
CH70	CH59	CH45	Blue 15	000	-	255	0% to 100%		
CH71	CH60		White 15	000	-	255	0% to 100%		
CH72	CH61	CH46	Red 16	000	-	255	0% to 100%		
CH73	CH62	CH47	Green 16	000	-	255	0% to 100%		
CH74	CH63	CH48	Blue 16	000	-	255	0% to 100%		
CH75	CH64		White 16	000	-	255	0% to 100%		
CH76	CH65	CH49	Red 17	000	-	255	0% to 100%		
CH77	CH66	CH50	Green 17	000	-	255	0% to 100%		
CH78	CH67	CH51	Blue 17	000	-	255	0% to 100%		
CH79	CH68		White 17	000	-	255	0% to 100%		
CH80	CH69	CH52	Red 18	000	-	255	0% to 100%		
CH81	CH70	CH53	Green 18	000	-	255	0% to 100%		
CH82	CH71	CH54	Blue 18	000	-	255	0% to 100%		
CH83	CH72		White 18	000	-	255	0% to 100%		
CH84	CH73	CH55	Red 19	000	-	255	0% to 100%		
CH85	CH74	CH56	Green 19	000	-	255	0% to 100%		
CH86	CH75	CH57	Blue 19	000	-	255	0% to 100%		
CH87	CH76		White 19	000	-	255	0% to 100%		

43-CH Mode RGB(W) Pattern Mode							
CH1		Pan		000	-	255	0% to 100%
CH2		Pan fine		000	-	255	0% to 100%
CH3		Tilt		000	-	255	0% to 100%
CH4		Tilt fine		000	-	255	0% to 100%
CH5		Dimmer		000	-	255	Master Dimmer 0-100%
CH6		Dimmer fine		000	-	255	Master Dimmer fine 0-100%
CH7		Strobe		000	-	005	Strobe open
				006	-	010	Strobe closed
				011	-	033	Pulse random, slow -> fast
				034	-	056	Ramp up random, slow -> fast
				057	-	079	Ramp down random, slow -> fast
				080	-	102	Random strobe effect, slow fast
				103	-	127	Strobe break effect, 5s....1s (very short flash)
				128	-	250	Strobe slow -> fast <1Hz -> 20Hz
				251	-	255	Strobe open
CH8		Red		000	-	255	0% to 100%
CH9		Red fine		000	-	255	0% to 100%
CH10		Green		000	-	255	0% to 100%
CH11		Green fine		000	-	255	0% to 100%
CH12		Blue		000	-	255	0% to 100%
CH13		Blue fine		000	-	255	0% to 100%
CH14		White		000	-	255	0% to 100%
CH15		White fine		000	-	255	0% to 100%

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CH16	Color Temperature (override RGBW and Color Macros)	000 - 005	off
		006 - 008	Bulb white (2700K)
		009 - 011	Halogen white (3200K)
		012 - 014	Neutral white (4000K)
		015 - 017	Studio white (5600K)
		018 - 020	Daylight white (6500K)
		021 - 255	1.800K - 7.500K
CH17	Tint (relates to Color Temperature)	000 - 127	Linear tint from magenta to neutral
		128 - 128	Neutral
		129 - 255	Linear tint from neutral to green
CH18	Color Macros (override RGBW)	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
		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		
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		

Cameo®

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CH18	Color Macros (override RGBW)	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 - 204	Color Jumping stop	
		205 - 230	Color Jumping speed slow -> fast / Color 1 -> 12	
		231 - 255	Color Fading speed slow -> fast / Color 1 -> 12	
		CH19	Color Macro Crossfade (transition time between Color Macros)	098 - 005
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)			
CH20	Zoom	000 - 255	narrow - wide	
CH21	Zoom Fine	000 - 255	0% to 100%	
CH22	Pattern Folder selection	000 - 005	off (background functions disabled)	
		006 - 064	Pattern 1 (background functions enabled)	
		065 - 128	Pattern 2 (background functions enabled)	
		129 - 255	Running Effect Pattern (background functions enabled)	
CH23	Pattern 1 No. 1 – 50	000 - 005	Off ("washlight mode")	CH23 Pattern 2 No. 51 – 100
		006 - 010	1	
		011 - 015	2	
		016 - 020	3	
		021 - 025	4	
		026 - 030	5	
		031 - 035	6	
		036 - 040	7	
		041 - 045	8	
		046 - 050	9	
		051 - 055	10	
		056 - 060	11	
		061 - 065	12	
		066 - 070	13	
		071 - 075	14	
		076 - 080	15	
		081 - 085	16	
		086 - 090	17	
		091 - 095	18	
		096 - 100	19	
		101 - 105	20	
		106 - 110	21	
		111 - 115	22	
		116 - 120	23	
		121 - 125	24	
126 - 250	25-49			
251 - 255	50			

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CH23	Running Effect Pattern	000	-	005	Off
		006	-	010	Effect 1 (4 Dots CW)
		011	-	015	Effect 2 (Circle 2 Step in > out)
		016	-	020	Effect 3 (Circle 2 Step Color Change in > out)
		021	-	025	Effect 4 (Clock hand – CW)
		026	-	030	Effect 5 (Ventilator – CW)
		031	-	035	Effect 6 (Bow runs left >)
		036	-	040	Effect 7 (Bow runs down >)
		041	-	045	Effect 8 (3-line to 2-line)
		046	-	050	Effect 9 (diamond change)
		051	-	055	Effect 10 (Small circle 2 Dots run)
		056	-	060	Effect 11 (Circle 3 step in > out)
		061	-	065	Effect 12 (2 Dots running on outer circle)
		066	-	070	Effect 13 (4 Dots running on outer circle)
		071	-	075	Effect 14 Even/Odd
		076	-	080	Effect 15 Random Single Dots Jump
		081	-	085	Effect 16 Random Single Dots Fade
		086	-	090	Effect 17 Raindrop Jump
091	-	095	Effect 18 Raindrop Fade		
096	-	100	Effect 19 All Effects		
101	-	255	All LEDs On		
CH24	Pattern Speed	000	-	005	Effect Pattern stop
		006	-	127	Effect Pattern speed, slow -> fast, forward
		128	-	255	Effect Pattern speed, fast -> slow, backward
CH25	Pattern Transition Time (Transition between Pattern)	000	-	005	Stop
		006	-	255	0.1s - 5s
CH26	Running Effect Pattern Fade/Wake	000	-	005	off
		006	-	127	Fade Effect Pattern 0-100%
		128	-	255	Wake Effect Pattern 0-100%
CH27	Background Dimmer	000	-	255	Background Master Dimmer 0-100%
CH28	Background Dimmer fine	000	-	255	Background Master Dimmer fine 0-100%
CH29	Background Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Pulse random, slow -> fast
		034	-	056	Ramp up random, slow -> fast
		057	-	079	Ramp down random, slow -> fast
		080	-	102	Random strobe effect, slow -> fast
		103	-	127	Strobe break effect, 5s.....1s (very short flash)
		128	-	250	Strobe slow -> fast <1Hz - 20Hz
		251	-	255	Strobe open
		CH30	Background Red	000	-
CH31	Background Red Fine	000	-	255	0% to 100%
CH32	Background Green	000	-	255	0% to 100%
CH33	Background Green Fine	000	-	255	0% to 100%
CH34	Background Blue	000	-	255	0% to 100%
CH35	Background Blue Fine	000	-	255	0% to 100%
CH36	Background White	000	-	255	0% to 100%
CH37	Background White Fine	000	-	255	0% to 100%

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CH38	Background Color Temperature (override Background RGBW and Background Color Macros)	000	-	005	off
		006	-	008	Bulb White (2700K)
		009	-	011	Halogen White (3200K)
		012	-	014	Neutral White (4000K)
		015	-	017	Studio-White (5600K)
		018	-	020	Daylight White (6500K)
		021	-	255	1.800K - 7.500K
CH39	Background Tint (relates to Background Color Temperature)	000	-	127	Linear tint from magenta to neutral
		128	-	128	Neutral
		129	-	255	Linear tint from neutral to green
CH40	Background Color Macros (override Background RGBW)	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
		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
		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		

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DMX CONTROL TABLE



CH40	Background Color Macros (override Background RGBW)	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 - 204	Color Jumping stop
		205 - 230	Color Jumping speed slow -> fast
		231 - 255	Color Fading speed slow -> fast
CH41	Background Color Macro Crossfade	098 - 005	0s
		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)
CH42	Pan/Tilt Speed	000 - 255	Head movement speed fast -> slow
CH43	Device settings (please read remark 1*)	000 - 005	no function
		006 - 007	Blackout while moving on (hold 3s)
		008 - 009	Blackout while moving off (hold 3s)
		010 - 041	Spare
		042 - 043	Invert Pan on (hold 3s)
		044 - 045	Invert Pan off (hold 5s)
		046 - 047	Invert Tilt on (hold 3s)
		048 - 049	Invert Tilt off (hold 5s)
		050 - 073	Spare
		074 - 075	Dimmer response LED (hold 3s)
		076 - 077	Dimmer response halogen (hold 3s)
		078 - 097	Spare
		098 - 099	Silent Fan (hold 3s)
		100 - 101	Auto Fan (hold 3s)
		102 - 103	Normal Fan (hold 3s)
		104 - 119	Spare
		120 - 121	LED PWM frequency 800Hz (hold 3s)
		122 - 123	LED PWM frequency 1200Hz (hold 3s)
		124 - 125	LED PWM frequency 2000Hz (hold 3s)
		126 - 127	LED PWM frequency 3600Hz (hold 3s)
		128 - 129	LED PWM frequency 12kHz (hold 3s)
		130 - 131	LED PWM frequency 25kHz (hold 3s)
		132 - 139	Spare
		140 - 141	Display on (hold 3s)
		142 - 143	Display off (hold 3s)
		144 - 163	Spare
		164 - 165	Dimmer Curve linear (hold 3s)
		166 - 167	Dimmer Curve exponential (hold 3s)
		168 - 169	Dimmer Curve logarithmic (hold 3s)
		170 - 171	Dimmer Curve s-curve (hold 3s)
		172 - 173	LED arrangement normal (hold 3s)
		174 - 175	LED arrangement 90° (hold 3s)
		176 - 177	LED arrangement 180° (hold 3s)
		178 - 179	LED arrangement 270° (hold 3s)
		180 - 181	LED arrangement mirrored (hold 3s)
		182 - 201	Spare
202 - 203	Raw (color calibration off) (hold 3s)		
204 - 205	Calibrated (color calibration on) (hold 3s)		
206 - 207	User color calibration on (hold 3s)		

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CH43	Device settings (please read remark 1*)	208	-	221	Spare
		222	-	223	Reset Pan / Tilt (hold 3s)
		224	-	227	Spare
		228	-	229	Reset Zoom (hold 3s)
		230	-	235	Spare
		236	-	237	Reset All Functions (hold 3s)
		238	-	245	Spare
		246	-	255	no function

33-CH Mode HSI Pattern Mode (Calibrated)					
CH1	Pan	000	-	255	0% to 100%
CH2	Pan fine	000	-	255	0% to 100%
CH3	Tilt	000	-	255	0% to 100%
CH4	Tilt fine	000	-	255	0% to 100%
CH5	Dimmer	000	-	255	Master Dimmer 0-100%
CH6	Dimmer fine	000	-	255	Master Dimmer fine 0-100%
CH7	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Pulse random, slow -> fast
		034	-	056	Ramp up random, slow -> fast
		057	-	079	Ramp down random, slow -> fast
		080	-	102	Random strobe effect, slow fast
		103	-	127	Strobe break effect, 5s.....1s (very short flash)
		128	-	250	Strobe slow -> fast <1Hz -> 20Hz
251	-	255	Strobe open		
CH8	Hue	000	-	255	0° (red) thru 360°
CH9	Hue fine	000	-	255	fine steps
CH10	Saturation	000	-	255	100% saturation -> 0% saturation (white)
CH11	Color Temperature (override HS and Color Macros)	000	-	005	off
		006	-	008	Bulb white (2700K)
		009	-	011	Halogen white (3200K)
		012	-	014	Neutral white (4000K)
		015	-	017	Studio white (5600K)
		018	-	020	Daylight white (6500K)
		021	-	255	1.800K - 7.500K
CH12	Tint (relates to Color Temperature)	000	-	127	Linear tint from magenta to neutral
		128	-	128	Neutral
		129	-	255	Linear tint from neutral to green

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH13	Color Macros (override HS)	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
		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 - 204	Color Jumping stop		
205 - 230	Color Jumping speed slow -> fast		
231 - 255	Color Fading speed slow -> fast		

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH14	Color Macro Crossfade (Transition Time between Color Macros)	098 - 005	0s		
		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)		
CH15	Zoom	000 - 255	narrow -wide		
CH16	Zoom fine	000 - 255	0% to 100%		
CH17	Pattern Folder selection	000 - 005	off (background functions disabled)		
		006 - 064	Pattern 1 (background functions enabled)		
		065 - 128	Pattern 2 (background functions enabled)		
		129 - 255	Running Effect Pattern (background functions enabled)		
CH18	Pattern 1 No. 1 – 50	000 - 005	Off ("washlight Mode")	CH18	Pattern 2 No. 51 – 100
		006 - 010	1		
		011 - 015	2		
		016 - 020	3		
		021 - 025	4		
		026 - 030	5		
		031 - 035	6		
		036 - 040	7		
		041 - 045	8		
		046 - 050	9		
		051 - 055	10		
		056 - 060	11		
		061 - 065	12		
		066 - 070	13		
		071 - 075	14		
		076 - 080	15		
		081 - 085	16		
		086 - 090	17		
		091 - 095	18		
		096 - 100	19		
		101 - 105	20		
		106 - 110	21		
		111 - 115	22		
		116 - 120	23		
		121 - 125	24		
126 - ...	25-49				
251 - 255	50				

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH18	Running Effect Pattern	000	-	005	Off
		006	-	010	Effect 1 (4 Dots CW)
		011	-	015	Effect 2 (Circle 2Step in > out)
		016	-	020	Effect 3 (Circle 2Step Color Change in > out)
		021	-	025	Effect 4 (Clock hand – CW)
		026	-	030	Effect 5 (Ventilator – CW)
		031	-	035	Effect 6 (Bow runs left >)
		036	-	040	Effect 7 (Bow runs down >)
		041	-	045	Effect 8 (3-line to 2-line)
		046	-	050	Effect 9 (diamond change)
		051	-	055	Effect 10 (Small circle 2 Dots run)
		056	-	060	Effect 11 (Circle 3 step in > out)
		061	-	065	Effect 12 (2 Dots running on outer circle)
		066	-	070	Effect 13 (4 Dots running on outer circle)
		071	-	075	Effect 14 Even/Odd
		076	-	080	Effect 15 Random Single Dots Jump
		081	-	085	Effect 16 Random Single Dots Fade
		086	-	090	Effect 17 Raindrop Jump
		091	-	095	Effect 18 Raindrop Fade
		096	-	100	Effect 19 All Effects
101	-	255	All LEDs On		
CH19	Pattern Speed	000	-	005	Effect Pattern stop
		006	-	127	Effect Pattern speed, slow > fast, forward
		128	-	255	Effect Pattern speed, fast > slow, backward
CH20	Pattern Transition (Transition between Pattern)	000	-	005	Stop
		006	-	255	0.1s - 5s
CH21	Running Effect Pattern Fade/Wake	000	-	005	off
		006	-	127	Fade Effect Pattern 0-100%
		128	-	255	Wake Effect Pattern 0-100%
CH22	Background Dimmer	000	-	255	Background Master Dimmer 0-100%
CH23	Background Dimmer fine	000	-	255	Background Master Dimmer fine 0-100%
CH24	Background Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Pulse random, slow -> fast
		034	-	056	Ramp up random, slow -> fast
		057	-	079	Ramp down random, slow -> fast
		080	-	102	Random strobe effect, slow -> fast
		103	-	127	Strobe break effect, 5s.....1s (very short flash)
		128	-	250	Strobe slow -> fast <1Hz - 20Hz
		251	-	255	Strobe open
CH25	Background Hue	000	-	255	0° (RED) thru 360°
CH26	Background Hue fine	000	-	255	fine steps
CH27	Background Saturation	000	-	255	100% saturation -> 0% saturation (white)

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH28	Background Colour Temperature (override Background HS and Background Color Macros)	000 - 005	off
		006 - 008	Bulb White (2700K)
		009 - 011	Halogen White (3200K)
		012 - 014	Neutral White (4000K)
		015 - 017	Studio-White (5600K)
		018 - 020	Daylight White (6500K)
		021 - 255	1.800K - 7.500K
CH29	Background Tint (relates to Background Color Temperature)	000 - 127	Linear tint from magenta to neutral
		128 - 128	Neutral
		129 - 255	Linear tint from neutral to green
CH30	Background Colour Macro (override Background HS)	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
		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		

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH30	Background Colour Macro (override Background HS)	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 - 204	Color Jumping Stop
		205 - 230	Color Jumping Speed slow -> fast
		231 - 255	Color Fading Speed slow -> fast
CH31	Background Color Macro Crossfade (Transition Time between Background Color Macros)	098 - 005	0s
		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)
CH32	Pan/Tilt Speed	000 - 255	Head movement speed fast -> slow
CH33	Device settings (please read remark 1*)	000 - 005	no function
		006 - 007	Blackout while moving on (hold 3s)
		008 - 009	Blackout while moving off (hold 3s)
		010 - 041	Spare
		042 - 043	Invert Pan on (hold 3s)
		044 - 045	Invert Pan off (hold 5s)
		046 - 047	Invert Tilt on (hold 3s)
		048 - 049	Invert Tilt off (hold 5s)
		050 - 073	Spare
		074 - 075	Dimmer response LED (hold 3s)
		076 - 077	Dimmer response halogen (hold 3s)
		078 - 097	Spare
		098 - 099	Silent Fan (hold 3s)
		100 - 101	Auto Fan (hold 3s)
		102 - 103	Normal Fan (hold 3s)
		104 - 119	Spare
		120 - 121	LED PWM frequency 800Hz (hold 3s)
		122 - 123	LED PWM frequency 1200Hz (hold 3s)
		124 - 125	LED PWM frequency 2000Hz (hold 3s)
		126 - 127	LED PWM frequency 3600Hz (hold 3s)
		128 - 129	LED PWM frequency 12kHz (hold 3s)
		130 - 131	LED PWM frequency 25kHz (hold 3s)
		132 - 139	Spare
		140 - 141	Display on (hold 3s)
		142 - 143	Display off (hold 3s)
		144 - 163	Spare
		164 - 165	Dimmer Curve linear (hold 3s)
		166 - 167	Dimmer Curve exponential (hold 3s)
		168 - 169	Dimmer Curve logarithmic (hold 3s)
		170 - 171	Dimmer Curve s-curve (hold 3s)
		172 - 173	LED arrangement normal (hold 3s)
		174 - 175	LED arrangement 90° (hold 3s)
		176 - 177	LED arrangement 180° (hold 3s)
		178 - 179	LED arrangement 270° (hold 3s)
		180 - 181	LED arrangement mirrored (hold 3s)
		182 - 201	Spare
		202 - 203	Raw (color calibration off) (hold 3s)

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH33	Device settings (please read remark 1*)	204	-	205	Calibrated (color calibration on) (hold 3s)
		206	-	207	User color calibration on (hold 3s)
		208	-	221	Spare
		222	-	223	Reset Pan / Tilt (hold 3s)
		224	-	227	Spare
		228	-	229	Reset Zoom
		230	-	235	Spare
		236	-	237	Reset All Functions (hold 3s)
		238	-	245	Spare
		246	-	255	no function

23-CH Wash Light RGBW Mode					
CH1	PAN	000	-	255	0% to 100 %
CH2	Pan fine	000	-	255	0% to 100 %
CH3	Tilt	000	-	255	0% to 100 %
CH4	Tilt fine	000	-	255	0% to 100 %
CH5	Dimmer	000	-	255	Master Dimmer 0-100 %
CH6	Dimmer fine	000	-	255	Master Dimmer fine 0-100 %
CH7	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Pulse random, slow -> fast
		034	-	056	Ramp up random, slow -> fast
		057	-	079	Ramp down random, slow -> fast
		080	-	102	Random strobe effect, slow fast
		103	-	127	Strobe break effect, 5 s.....1 s (very short flash)
		128	-	250	Strobe slow -> fast <1 Hz -> 20 Hz
251	-	255	Strobe open		
CH8	Red	000	-	255	0% to 100 %
CH9	Red fine	000	-	255	0% to 100 %
CH10	Green	000	-	255	0% to 100 %
CH11	Green fine	000	-	255	0% to 100 %
CH12	Blue	000	-	255	0% to 100 %
CH13	Blue fine	000	-	255	0% to 100 %
CH14	White	000	-	255	0% to 100 %
CH15	White fine	000	-	255	0% to 100 %
CH16	Color Temperature (override RGBW and Color Macros)	000	-	005	off
		006	-	008	Bulb white (2700 K)
		009	-	011	Halogen white (3200 K)
		012	-	014	Neutral white (4000 K)
		015	-	017	Studio white (5600 K)
		018	-	020	Daylight white (6500 K)
		021	-	255	1.800K – 7.500 K
CH17	Tint (relates to Color Temperature)	000	-	127	Linear tint from magenta to neutral
		128	-	128	Neutral
		129	-	255	Linear tint from neutral to green

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH18	Color Macros (override RGBW)	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
		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 Mikkal 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		

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH18	Color Macros (override RGBW)	198	-	201	2 Rose Pink
		202	-	204	Color Jumping stop
		205	-	230	Color Jumping speed slow -> fast
		231	-	255	Color Fading speed slow -> fast
CH19	Color Macro Crossfade (Transition Time between Color Macros)	000	-	005	0s
		006	-	105	0,1 s – 10 s (0,1 s Steps)
		106	-	214	11 s – 119 s (1 s Steps)
		215	-	244	2 m – 4 m 50 s (10 s Steps)
		245	-	255	5 m – 15 m (1 m Steps)
CH20	Zoom	000	-	255	narrow -wide
CH21	Zoom fine	000	-	255	0% to 100%
CH22	Pan/Tilt Speed	000	-	255	Head movement speed
CH23	Device settings (please read remark 1*)	000	-	005	no function
		006	-	007	Blackout while moving on (hold 3 s)
		008	-	009	Blackout while moving off (hold 3 s)
		010	-	041	Spare
		042	-	043	Invert Pan on (hold 3 s)
		044	-	045	Invert Pan off (hold 5 s)
		046	-	047	Invert Tilt on (hold 3 s)
		048	-	049	Invert Tilt off (hold 5 s)
		050	-	073	Spare
		074	-	075	Dimmer response LED (hold 3 s)
		076	-	077	Dimmer response halogen (hold 3 s)
		078	-	097	Spare
		098	-	099	Silent Fan (hold 3 s)
		100	-	101	Auto Fan (hold 3 s)
		102	-	103	Normal Fan (hold 3 s)
		104	-	119	Spare
		120	-	121	LED PWM frequency 800 Hz (hold 3 s)
		122	-	123	LED PWM frequency 1200 Hz (hold 3 s)
		124	-	125	LED PWM frequency 2000 Hz (hold 3 s)
		126	-	127	LED PWM frequency 3600 Hz (hold 3 s)
		128	-	129	LED PWM frequency 12 kHz (hold 3 s)
		130	-	131	LED PWM frequency 25 kHz (hold 3 s)
		132	-	139	Spare
		140	-	141	Display on (hold 3 s)
		142	-	143	Display off (hold 3 s)
		144	-	163	Spare
164	-	165	Dimmer Curve linear		
166	-	167	Dimmer Curve exponential		
168	-	169	Dimmer Curve logarithmic		

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH23	Device settings (please read remark 1*)	170	-	171	Dimmer Curve s-curve
		172	-	201	Spare
		202	-	203	Raw (color calibration off) (hold 3 s)
		204	-	205	Calibrated (color calibration on) (hold 3 s)
		206	-	207	User color calibration on (hold 3 s)
		208	-	221	Spare
		222	-	223	Reset Pan/Tilt (hold 3 s)
		224	-	227	Spare
		228	-	229	Reset Zoom (hold 3 s)
		230	-	235	Spare
		236	-	237	Reset All Functions (hold 3 s)
		238	-	245	Spare
		246	-	255	no function

18-CH Wash Light HSI Mode (Calibrated)					
CH1	Pan	000	-	255	0% to 100%
CH2	Pan fine	000	-	255	0% to 100%
CH3	Tilt	000	-	255	0% to 100%
CH4	Tilt fine	000	-	255	0% to 100%
CH5	Dimmer	000	-	255	Master Dimmer 0-100%
CH6	Dimmer fine	000	-	255	Master Dimmer fine 0-100%
CH7	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Pulse random, slow -> fast
		034	-	056	Ramp up random, slow -> fast
		057	-	079	Ramp down random, slow -> fast
		080	-	102	Random strobe effect, slow fast
		103	-	127	Strobe break effect, 5 s.....1 s (very short flash)
		128	-	250	Strobe slow -> fast <1 Hz -> 20 Hz
251	-	255	Strobe open		
CH8	Hue	000	-	255	0° (red) thru 360°
CH9	Hue fine	000	-	255	fine steps
CH10	Saturation	000	-	255	100% saturation -> 0% saturation (white)
CH11	Color Temperature (override HS and Color Macros)	000	-	005	off
		006	-	008	Bulb white (2700 K)
		009	-	011	Halogen white (3200 K)
		012	-	014	Neutral white (4000 K)
		015	-	017	Studio white (5600 K)
		018	-	020	Daylight white (6500 K)
		021	-	255	1.800 K – 7.500 K
CH12	Tint (relates to Color Temperature)	000	-	127	Linear tint from magenta to neutral
		128	-	128	Neutral
		129	-	255	Linear tint from neutral to green

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH13	Color Macros (override HS)	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
		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		

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



CH13	Color Macros (override HS)	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	-	204	Color Jumping stop
		205	-	230	Color Jumping speed slow -> fast
		231	-	255	Color Fading speed slow -> fast
CH14	Color Macro Crossfade (Transition Time between Color Macros)	098	-	005	0s
		006	-	105	0,1 s – 10 s (0,1 s Steps)
		106	-	214	11 s – 119 s (1 s Steps)
		215	-	244	2 m – 4m 50 s (10 s Steps)
		245	-	255	5 m – 15 m (1 m Steps)
CH15	Zoom	000	-	255	narrow -wide
CH16	Zoom fine	000	-	255	0 % to 100 %
CH17	Pan/Tilt Speed	000	-	255	Head movement speed
CH18	Device settings (please read remark 1*)	000	-	005	no function
		006	-	007	Blackout while moving on (hold 3 s)
		008	-	009	Blackout while moving off (hold 3 s)
		010	-	041	Spare
		042	-	043	Invert Pan on (hold 3 s)
		044	-	045	Invert Pan off (hold 5 s)
		046	-	047	Invert Tilt on (hold 3 s)
		048	-	049	Invert Tilt off (hold 5 s)
		050	-	073	Spare
		074	-	075	Dimmer response LED (hold 3 s)
		076	-	077	Dimmer response halogen (hold 3 s)
		078	-	097	Spare
		098	-	099	Silent Fan (hold 3 s)
		100	-	101	Auto Fan (hold 3 s)
		102	-	103	Normal Fan (hold 3 s)
		104	-	119	Spare
		120	-	121	LED PWM frequency 800 Hz (hold 3 s)
122	-	123	LED PWM frequency 1200 Hz (hold 3 s)		

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CH18	Device settings (please read remark 1*)	124	-	125	LED PWM frequency 2000 Hz (hold 3 s)
		126	-	127	LED PWM frequency 3600 Hz (hold 3 s)
		128	-	129	LED PWM frequency 12 kHz (hold 3 s)
		130	-	131	LED PWM frequency 25 kHz (hold 3 s)
		132	-	139	Spare
		140	-	141	Display on (hold 3 s)
		142	-	143	Display off (hold 3 s)
		144	-	163	Spare
		164	-	165	Dimmer Curve linear (hold 3 s)
		166	-	167	Dimmer Curve exponential (hold 3 s)
		168	-	169	Dimmer Curve logarithmic (hold 3 s)
		170	-	171	Dimmer Curve s-curve (hold 3 s)
		172	-	201	Spare
		202	-	203	Raw (color calibration off) (hold 3 s)
		204	-	205	Calibrated (color calibration on) (hold 3 s)
		206	-	207	User color calibration on (hold 3 s)
		208	-	221	Spare
		222	-	223	Reset Pan/Tilt (hold 3 s)
		224	-	227	Spare
		228	-	229	Reset Zoom (hold 3 s)
		230	-	235	Spare
		236	-	237	Reset All Functions (hold 3 s)
		238	-	245	Spare
		246	-	255	no function

16-CH Mode					
CH1	Pan	000	-	255	0% to 100%
CH2	Pan fine	000	-	255	0% to 100%
CH3	Tilt	000	-	255	0% to 100%
CH4	Tilt fine	000	-	255	0% to 100%
CH5	Dimmer	000	-	255	Master Dimmer 0-100%
CH6	Dimmer fine	000	-	255	Master Dimmer fine 0-100%
CH7	Red	000	-	255	0% to 100%
CH8	Green	000	-	255	0% to 100%
CH9	Blue	000	-	255	0% to 100%
CH10	White	000	-	255	0% to 100%
CH11	Zoom	000	-	255	narrow - wide

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DMX CONTROL TABLE



CH12	Running Effect Pattern	000	-	005	Off
		006	-	010	Effect 1 (4 Dots CW)
		011	-	015	Effect 2 (Circle 2Step in > out)
		016	-	020	Effect 3 (Circle 2Step Colour Change in > out)
		021	-	025	Effect 4 (Clock hand - CW)
		026	-	030	Effect 5 (Ventilator - CW)
		031	-	035	Effect 6 (Bow runs left >)
		036	-	040	Effect 7 (Bow runs down >)
		041	-	045	Effect 8 (3-line to 2-line)
		046	-	050	Effect 9 (diamond change)
		051	-	055	Effect 10 (Small circle 2 Dots run)
		056	-	060	Effect 11 (Circle 3step in > out)
		061	-	065	Effect 12 (2 Dots running on outer circle)
		066	-	070	Effect 13 (4 Dots running on outer circle)
		071	-	075	Effect 14 Even/Odd
		076	-	080	Effect 15 Random Single Dots Jump
		081	-	085	Effect 16 Random Single Dots Fade
		086	-	090	Effect 17 Raindrop Jump random
		091	-	095	Effect 18 Raindrop Fade random
		096	-	100	Effect 19 All Effects
CH13	Pattern Speed	101	-	255	All LEDs on
		000	-	005	Effect Pattern stop
		006	-	127	Effect Pattern Speed, slow > fast, forward
CH14	Pan/Tilt Macro (starts from current Pan/Tilt position)	128	-	255	Effect Pattern Speed, fast > slow, back
		000	-	005	off
		006	-	040	Pan small -> large
		041	-	075	Tilt small -> large
		076	-	110	Pan / Tilt small -> large
		111	-	145	Pan / Tilt (invers) small -> large
		146	-	180	Circle small -> large
		181	-	215	Circle (invers) small -> large
CH15	Pan/Tilt Speed	216	-	255	Random small -> large
		000	-	255	Head movement speed
CH16	Device settings (please read remark 1*)	000	-	005	no function
		006	-	007	Blackout while moving on (hold 3s)
		008	-	009	Blackout while moving off (hold 3s)
		010	-	041	Spare
		042	-	043	Invert Pan on (hold 3s)
		044	-	045	Invert Pan off (hold 5s)
		046	-	047	Invert Tilt on (hold 3s)
		048	-	049	Invert Tilt off (hold 5s)
		050	-	073	Spare
		074	-	075	Dimmer Response LED (hold 3s)
		076	-	077	Dimmer Response Halogen (hold 3s)
		078	-	097	Spare
		098	-	099	Silent Fan (hold 3s)
		100	-	101	Auto Fan (hold 3s)
		102	-	103	Normal Fan (hold 3s)
		104	-	119	Spare

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DMX CONTROL TABLE



CH16	Device settings (please read remark 1*)	120	-	121	LED PWM frequency 800Hz (hold 3s)
		122	-	123	LED PWM frequency 1200Hz (hold 3s)
		124	-	125	LED PWM frequency 2000Hz (hold 3s)
		126	-	127	LED PWM frequency 3600Hz (hold 3s)
		128	-	129	LED PWM frequency 12kHz (hold 3s)
		130	-	131	LED PWM frequency 25kHz (hold 3s)
		132	-	139	Spare
		140	-	141	Display on (hold 3s)
		142	-	143	Display off (hold 3s)
		144	-	163	Spare
		164	-	165	Dimmer Curve linear (hold 3s)
		166	-	167	Dimmer Curve exponential (hold 3s)
		168	-	169	Dimmer Curve logarithmic (hold 3s)
		170	-	171	Dimmer Curve s-curve (hold 3s)
		172	-	173	LED arrangement normal (hold 3s)
		174	-	175	LED arrangement 90° (hold 3s)
		176	-	177	LED arrangement 180° (hold 3s)
		178	-	179	LED arrangement 270° (hold 3s)
		180	-	181	LED arrangement mirrored (hold 3s)
		182	-	201	Spare
		202	-	203	Raw (color calibration off) (hold 3s)
		204	-	205	Calibrated (color calibration on) (hold 3s)
		206	-	207	User color calibration on (hold 3s)
		208	-	221	Spare
		222	-	223	Reset Pan / Tilt (hold 3s)
		224	-	227	Spare
		228	-	229	Reset Zoom (hold 3s)
		230	-	235	Spare
		236	-	237	Reset All Functions (hold 3s)
		238	-	245	Spare
246	-	255	no function		

- 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.

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IP65 LED WASH-MOVING HEAD
DMX CONTROL TABLE



Pattern 1 - 100 (Pattern folder 1 + 2) 43CH Mode and 33CH Mode

