

EVOS® W3

LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



16-CH Mode RGBW				
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
CH12	Running Effect Pattern	000	-	005 Off
		006	-	010 Effect 1
		011	-	015 Effect 2
		016	-	020 Effect 3
		021	-	025 Effect 4
		026	-	030 Effect 5
		031	-	035 Effect 6
		036	-	040 Effect 7
		041	-	045 Effect 8
		046	-	050 Effect 9
		051	-	055 Effect 10
		056	-	060 Effect 11
		061	-	065 Effect 12
		066	-	070 Effect 13
		071	-	075 Effect 14
		076	-	080 Effect 15 Random Single Dots Jump
		081	-	085 Effect 16 Random Single Dots Fade
		086	-	090 Effect 17
		091	-	095 Effect 18
096	-	100 Effect 19 All Effects		
101	-	255 All LEDs on		
CH13	Pattern Speed	000	-	005 Effect Pattern stop
		006	-	127 Effect Pattern Speed, slow > fast, forward
		128	-	255 Effect Pattern Speed, fast > slow, back
CH14	Pan/Tilt Macro (starts from current Pan/Tilt position)	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
		216	-	255 Random small -> large
CH15	Pan/Tilt Speed	000	-	255 Head movement speed

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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
		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	Spare
		176	-	177	LED arrangement 180° (hold 3s)
		178	-	179	Spare
		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		

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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, 5s.....1s (very short flash)
		128	-	250	Strobe slow -> fast <1Hz -> 20Hz
		251	-	255	Strobe open
		CH8	Hue	000	-
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	-
		128	-	128	Neutral
		129	-	255	Linear tint from neutral to green

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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		

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CH13	Color Macros (override HS)	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
		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	0,1s - 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	Pan/Tilt Speed	000	-	255	Head movement speed

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CH18	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)
		CH18	Device settings (please read remark 1*)	126	-
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	-			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

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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, 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%
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

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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		
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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CH19	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)
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 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
		166 - 167	Dimmer Curve exponential
		168 - 169	Dimmer Curve logarithmic
		170 - 171	Dimmer Curve s-curve
		172 - 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		

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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	-
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	-
		128	-	128	Neutral
		129	-	255	Linear tint from neutral to green

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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		

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CH13	Color Macros (override HS)	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
		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	0,1s - 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)

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DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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				

EVOS® W3

LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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 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
		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	-
CH26	Background Hue fine	000	-	255	fine steps
CH27	Background Saturation	000	-	255	100% saturation -> 0% saturation (white)

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH28	Background Color 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 Color 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

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH30	Background Color Macro (override Background HS)	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
		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

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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)		
CH33	Device settings (please read remark 1*)	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	Spare
		176	-	177	LED arrangement 180° (hold 3s)
		178	-	179	Spare
		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
		230	-	235	Spare
		236	-	237	Reset All Functions (hold 3s)
		238	-	245	Spare
		246	-	255	no function

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



39-CH RGBW Pixel 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 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, 5s.....1s (very short flash)
		128	-	250	Strobe slow -> fast <1Hz -> 20Hz
		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

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DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH11	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	Spare
		176	-	177	LED arrangement 180° (hold 3s)
178	-	179	Spare		
180	-	181	LED arrangement mirrored (hold 3s)		
182	-	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		
CH12	Red 1	000	-	255	0% to 100%
CH13	Green 1	000	-	255	0% to 100%
CH14	Blue 1	000	-	255	0% to 100%
CH15	White 1	000	-	255	0% to 100%
CH16	Red 2	000	-	255	0% to 100%
CH17	Green 2	000	-	255	0% to 100%

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH18	Blue 2	000	-	255	0% to 100%
CH19	White 2	000	-	255	0% to 100%
CH20	Red 3	000	-	255	0% to 100%
CH21	Green 3	000	-	255	0% to 100%
CH22	Blue 3	000	-	255	0% to 100%
CH23	White 3	000	-	255	0% to 100%
CH24	Red 4	000	-	255	0% to 100%
CH25	Green 4	000	-	255	0% to 100%
CH26	Blue 4	000	-	255	0% to 100%
CH27	White 4	000	-	255	0% to 100%
CH28	Red 5	000	-	255	0% to 100%
CH29	Green 5	000	-	255	0% to 100%
CH30	Blue 5	000	-	255	0% to 100%
CH31	White 5	000	-	255	0% to 100%
CH32	Red 6	000	-	255	0% to 100%
CH33	Green 6	000	-	255	0% to 100%
CH34	Blue 6	000	-	255	0% to 100%
CH35	White 6	000	-	255	0% to 100%
CH36	Red 7	000	-	255	0% to 100%
CH37	Green 7	000	-	255	0% to 100%
CH38	Blue 7	000	-	255	0% to 100%
CH39	White 7	000	-	255	0% to 100%

43-CH Mode RGBW 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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DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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

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DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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		
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		

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WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH19	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)
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 1 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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DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH23	Running Effect Pattern	000	-	005	Off
		006	-	010	Effect 1
		011	-	015	Effect 2
		016	-	020	Effect 3
		021	-	025	Effect 4
		026	-	030	Effect 5
		031	-	035	Effect 6
		036	-	040	Effect 7
		041	-	045	Effect 8
		046	-	050	Effect 9
		051	-	055	Effect 10
		056	-	060	Effect 11
		061	-	065	Effect 12
		066	-	070	Effect 13
		071	-	075	Effect 14
		076	-	080	Effect 15
		081	-	085	Effect 16
		086	-	090	Effect 17
		091	-	095	Effect 18
		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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WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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

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WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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		
CH40	Background Color Macros (override Background RGBW)	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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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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	Spare
		176 - 177	LED arrangement 180° (hold 3s)
178 - 179	Spare		
CH43	Device settings (please read remark 1*)	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

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LED WASH-BEAM MOVING HEAD

WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



11-CH RGB(W) Pixel Mode (dual input control)					Art-Net + DMX, sACN + DMX	Kling-Net + DMX	
CH1	Pan	000	-	255	0% to 100%	Main Address 001-xxx	Main Address (DMX) 001-xxx
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, 5s.1s (very short flash)		
		128	-	250	Strobe slow -> fast <1Hz -> 20Hz		
		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 (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)				

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



CH11	Device settings (please read remark 1*)	100	-	101	Auto Fan (hold 3s)	Main Address 001-xxx	Main Address (DMX) 001-xxx
		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) (standard)		
		174	-	175	Spare		
		176	-	177	LED arrangement 180° (hold 3s)		
		178	-	179	Spare		
		180	-	181	LED arrangement mirrored (hold 3s)		
		182	-	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		

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LED WASH-BEAM MOVING HEAD

WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



Pixel Mode								
RGBW	RGB							
CH1	CH1	Red 1	000	-	255	0% to 100%	Pixel Address RGBW Pixel Mode 001-xxx RGB Pixel Mode 001-xxx	Kling-Net
CH2	CH2	Green 1	000	-	255	0% to 100%		
CH3	CH3	Blue 1	000	-	255	0% to 100%		
CH4		White 1	000	-	255	0% to 100%		
CH5	CH4	Red 2	000	-	255	0% to 100%		
CH6	CH5	Green 2	000	-	255	0% to 100%		
CH7	CH6	Blue 2	000	-	255	0% to 100%		
CH8		White 2	000	-	255	0% to 100%		
CH9	CH7	Red 3	000	-	255	0% to 100%		
CH10	CH8	Green 3	000	-	255	0% to 100%		
CH11	CH9	Blue 3	000	-	255	0% to 100%		
CH12		White 3	000	-	255	0% to 100%		
CH13	CH10	Red 4	000	-	255	0% to 100%		
CH14	CH11	Green 4	000	-	255	0% to 100%		
CH15	CH12	Blue 4	000	-	255	0% to 100%		
CH16		White 4	000	-	255	0% to 100%		
CH17	CH13	Red 5	000	-	255	0% to 100%	Pixel Address RGBW Pixel Mode 001-xxx RGB Pixel Mode 001-xxx	Kling-Net
CH18	CH14	Green 5	000	-	255	0% to 100%		
CH19	CH15	Blue 5	000	-	255	0% to 100%		
CH20		White 5	000	-	255	0% to 100%		
CH21	CH16	Red 6	000	-	255	0% to 100%		
CH22	CH17	Green 6	000	-	255	0% to 100%		
CH23	CH18	Blue 6	000	-	255	0% to 100%		
CH24		White 6	000	-	255	0% to 100%		
CH25	CH19	Red 7	000	-	255	0% to 100%		
CH26	CH20	Green 7	000	-	255	0% to 100%		
CH27	CH21	Blue 7	000	-	255	0% to 100%		
CH28		White 7	000	-	255	0% to 100%		

EVOS® W3

LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



18-CH RGB(W) Pixel Mode (dual input control)				
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 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, 5s.....1s (very short flash)
		128	-	250 Strobe slow -> fast <1Hz -> 20Hz
251	-	255 Strobe open		
CH8	Red	000	-	255 0% to 100%
CH9	Green	000	-	255 0% to 100%
CH10	Blue	000	-	255 0% to 100%
CH11	White	000	-	255 0% to 100%
CH12	Color Temperature	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
CH13	Tint (relates to Color Temperature)	000	-	127 Linear tint from magenta to neutral
		128	-	128 Neutral
		129	-	255 Linear tint from neutral to green
CH14	Zoom	000	-	255 narrow - wide
CH15	Zoom Fine	000	-	255 0% to 100%
CH16	LED-Control crossfade	000	-	005 Pixel controlled by CH10 thru CH15
		006	-	249 Linear crossfade to second input
		250	-	255 Pixel controlled by second protocol

Art-Net + DMX,
SACN + DMX

Kling-Net +
DMX

Main Address
001-xxx

Main Address
(DMX)
001-xxx

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



**Art-Net + DMX,
SACN + DMX**

**Kling-Net +
DMX**

CH17	Pan/Tilt Speed	000	-	255	Movement Speed fast -> slow		
		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)		
CH18	Device settings (please read remark 1*)	128	-	129	LED PWM frequency 12kHz (hold 3s)	Main Address 001-xxx	Main Address (DMX) 001-xxx
		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) (standard)		
		174	-	175	Spare		
		176	-	177	LED arrangement 180° (hold 3s)		
		178	-	179	Spare		
		180	-	181	LED arrangement mirrored (hold 3s)		
		182	-	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		

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



Pixel Mode								
RGBW	RGB							
CH1	CH1	Red 1	000	-	255	0% to 100%	Pixel Address RGBW Pixel Mode 001-xxx RGB Pixel Mode 001-xxx	Kling-Net
CH2	CH2	Green 1	000	-	255	0% to 100%		
CH3	CH3	Blue 1	000	-	255	0% to 100%		
CH4		White 1	000	-	255	0% to 100%		
CH5	CH4	Red 2	000	-	255	0% to 100%		
CH6	CH5	Green 2	000	-	255	0% to 100%		
CH7	CH6	Blue 2	000	-	255	0% to 100%		
CH8		White 2	000	-	255	0% to 100%		
CH9	CH7	Red 3	000	-	255	0% to 100%		
CH10	CH8	Green 3	000	-	255	0% to 100%		
CH11	CH9	Blue 3	000	-	255	0% to 100%		
CH12		White 3	000	-	255	0% to 100%		
CH13	CH10	Red 4	000	-	255	0% to 100%		
CH14	CH11	Green 4	000	-	255	0% to 100%		
CH15	CH12	Blue 4	000	-	255	0% to 100%		
CH16		White 4	000	-	255	0% to 100%		
CH17	CH13	Red 5	000	-	255	0% to 100%		
CH18	CH14	Green 5	000	-	255	0% to 100%		
CH19	CH15	Blue 5	000	-	255	0% to 100%		
CH20		White 5	000	-	255	0% to 100%		
CH21	CH16	Red 6	000	-	255	0% to 100%		
CH22	CH17	Green 6	000	-	255	0% to 100%		
CH23	CH18	Blue 6	000	-	255	0% to 100%		
CH24		White 6	000	-	255	0% to 100%		
CH25	CH19	Red 7	000	-	255	0% to 100%		
CH26	CH20	Green 7	000	-	255	0% to 100%		
CH27	CH21	Blue 7	000	-	255	0% to 100%		
CH28		White 7	000	-	255	0% to 100%		

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LED WASH-BEAM MOVING HEAD
WITH SINGLE PIXEL CONTROL

DMX CONTROL TABLE - SOFTWARE VERSION 1.11 OR LATER



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

