

# AZOR® W2

COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



19CH RGLB Effect							
Channel	Function	Values				Sub-group	Group
1	Pan	000	-	255	0% to 100%	Pan	Move- ment
2	Pan fine	000	-	255			
3	Tilt	000	-	255	0% to 100%	Tilt	
4	Tilt fine	000	-	255			
5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
6	Dimmer fine	000	-	255			
7	Strobe Functions	000	-	005	Open	Multi- functional Strobe	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	Color Mixing
9	Green	000	-	255	0% to 100%		
10	Blue	000	-	255	0% to 100%		
11	Lime	000	-	255	0% to 100%		
12	Dimmer FX All	000	-	255	0% to 100%		
13	FX Strobe	000	-	005	Open	Multi- functional Strobe	FX Control
		006	-	010	Closed		
		011	-	022	Ramp up/down slow to fast		
		023	-	033	Ramp up/down random slow to fast		

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13	FX Strobe	034 - 045	Ramp up slow to fast	Multi-functional Strobe
		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			
14	FX Pattern Selection	000 - 005	Off	FX Control
		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			
15	FX Pattern Speed	000 - 005	FX Pattern Speed Stop	
		006 - 063	FX Pattern Speed slow to fast (Chase)	
		064 - 127	FX Pattern Speed fast to slow (Chase) (backwards)	
		128 - 191	FX Pattern Speed slow to fast (Fade)	
		192 - 255	FX Pattern Speed fast to slow (Fade) (backwards)	
16	Pattern Selection	000 - 005	Off	
		006 - 009	1	
		010 - 013	2	
		014 - 017	3	
		018 - 021	4	
		022 - 025	5	
026 - 029	6			

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16	Pattern Selection	030 - 033	7		FX Control
		034 - 037	8		
		038 - 041	9		
		042 - 045	10		
		046 - 201	11 to 49		
		202 - 255	50		
17	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)		
18	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
19	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Blackout	Control
		006 - 007	Blackout while P/T moving On		
		008 - 009	Blackout while P/T moving Off		
		010 - 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		
		033 - 041	No function	Movement	
		042 - 043	Invert Pan On		
		044 - 045	Invert Pan Off		
		046 - 047	Invert Tilt On		
		048 - 049	Invert Tilt Off		
		050 - 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	Dimming			
066 - 073	No function				
074 - 075	Dimmer Response LED				
076 - 077	Dimmer Response Halogen				
078 - 093	No function				

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19	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	094 - 095	Silent movement On	Noise Functions	Control
		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	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 - 133	RAW		
		134 - 135	Factory Calibration		
		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	Reset	
		166 - 167	Dimmer Curve Exponential		
		168 - 169	Dimmer Curve Logarithmic		
		170 - 171	Dimmer Curve S-Curve		
		172 - 221	No function	Load Default	
		222 - 223	Reset Pan / Tilt		
		224 - 233	No function		
		234 - 235	Reset Head		
		236 - 237	Reset All		
238 - 239	No function	No function			
240 - 241	Load Factory Defaults				
242 - 243	No function				
244 - 245	Load User Default A				
246 - 247	Load User Default B				
248 - 249	Load User Default C	No function			
250 - 255	No function				

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18CH HSI Wash	18CH RGLB Wash 8Bit	23CH RGLB Wash							
Channels			Function	Values				Sub-group	Group
1	1	1	Pan	000	-	255	0% to 100%	Pan	Move- ment
2	2	2	Pan fine	000	-	255			
3	3	3	Tilt	000	-	255	0% to 100%	Tilt	
4	4	4	Tilt fine	000	-	255	0% to 100%	Dimmer	Intensity
5	5	5	Dimmer	000	-	255			
6	6	6	Dimmer fine	000	-	255			
7	7	7	Strobe Functions	000	-	005	Open	Multi- functional Strobe	Strobe
				006	-	010	Closed		
				011	-	022	Ramp up/down slow to fast		
				023	-	033	Ramp up/down ran- dom 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	Red	000	-	255	0% to 100%	Additive Color Mixing	Color Mixing
		9	Red fine	000	-	255			

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	9	10	Green	000	-	255	0% to 100%	Additive Color Mixing
		11	Green fine	000	-	255		
	10	12	Blue	000	-	255	0% to 100%	
		13	Blue fine	000	-	255	0% to 100%	
	11	14	Lime	000	-	255		
	15	Lime fine	000	-	255			
8			Hue	000	-	255	0° (Red) to 360°	HSI
9			Hue Fine	000	-	255		
10			Satura- tion	000	-	255		
11	12	16	Color Tem- perature (affects Color Mixing)	000	-	005	Off	CCT
				006	-	006	Warm white	CCT
				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	13	17	Tint (affects Color Tempera- ture)	000	-	000	Off	Tint
				001	-	127	Magenta -> Neutral	
				128	-	128	neutral	
				129	-	255	Neutral -> Green	

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13	14	18	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function	Color	Color Mixing
				006 - 013	Red		
				014 - 021	Amber		
				022 - 029	Orange		
				030 - 037	Yellow		
				038 - 045	Green		
				046 - 053	Turquoise		
				054 - 061	Cyan		
				062 - 069	Blue		
				070 - 077	Lavender		
				078 - 085	Mauve		
				086 - 093	Magenta		
				094 - 101	Pink		
				102 - 109	Warm White		
				110 - 117	White		
118 - 125	Cold White						
126 - 127	Color Jumping/Fading Stop						
128 - 164	Color Jumping slow to fast						
165 - 201	Color Fading slow to fast						
202 - 255	No function						
14	15	19	Dimmer FX All	000 - 255	0% to 100%		
15	16	20	FX Strobe	000 - 005	Open	Multi-functional Strobe	FX Control
				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		

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15	15	20	FX Strobe	080 - 102	Random Strobe effect slow to fast	Multi-functional Strobe	FX Control
				103 - 127	Strobe Break effect 5s to 1s (Short burst with break)		
				128 - 250	Strobe slow to fast (<1Hz to 20Hz)		
				251 - 255	Open		
16	17	21	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
17		22	Zoom fine	000 - 255			
18	18	23	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	000 - 005	No function	Blackout	Control
				006 - 007	Blackout while P/T moving On		
				008 - 009	Blackout while P/T moving Off		
				010 - 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	Movement	
				044 - 045	Invert Pan Off		
				046 - 047	Invert Tilt On		
048 - 049	Invert Tilt Off	Pixel Mirroring					
050 - 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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18	18	23	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	066 - 073	No function	Dimming	Control
				074 - 075	Dimmer Response LED		
				076 - 077	Dimmer Response Halogen		
				078 - 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 - 133	RAW		
				134 - 135	Factory Calibration	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		
				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						
236 - 237	Reset All						

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18	18	23	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	238	-	239	No function	Load Default	Control
				240	-	241	Load Factory Defaults		
				242	-	243	No function		
				244	-	245	Load User Default A		
				246	-	247	Load User Default B		
				248	-	249	Load User Default C		
				250	-	255	No function		

34CH HSI Pattern	44CH RGBL Pattern							
Channels	Function	Values				Sub-group	Group	
1	1	Pan	000	-	255	0% to 100%	Pan	Movement
2	2	Pan fine	000	-	255			
3	3	Tilt	000	-	255	0% to 100%	Tilt	
4	4	Tilt fine	000	-	255			
5	5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
6	6	Dimmer fine	000	-	255			
7	7	Strobe Functions	000	-	005	Open	Multi-functional Strobe	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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7	7	Strobe Functions	069 - 079	Ramp down random slow to fast	Multi-functional Strobe	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	Red	000 - 255	0% to 100%	Additive Color Mixing	
	9	Red fine	000 - 255			
	10	Green	000 - 255			
	11	Green fine	000 - 255			
	12	Blue	000 - 255			
	13	Blue fine	000 - 255			
	14	Lime	000 - 255			
15	Lime fine	000 - 255	0% to 100%			
8		Hue	000 - 255	0° (Red) to 360°	HSI	
9		Hue Fine	000 - 255			
10		Saturation	000 - 255			
11	16	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT	Color Mixing
			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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12	17	Tint (affects Color Tempera- ture)	000 - 000	Off	Tint
			001 - 127	Magenta -> Neutral	
			128 - 128	neutral	
			129 - 255	Neutral -> Green	
13	18	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function	Color Mixing
			006 - 013	Red	
			014 - 021	Amber	
			022 - 029	Orange	
			030 - 037	Yellow	
			038 - 045	Green	
			046 - 053	Turquoise	
			054 - 061	Cyan	
			062 - 069	Blue	
			070 - 077	Lavender	
			078 - 085	Mauve	
			086 - 093	Magenta	
			094 - 101	Pink	
			102 - 109	Warm White	
			110 - 117	White	
			118 - 125	Cold White	
			126 - 127	Color Jumping/Fading Stop	
			128 - 164	Color Jumping slow to fast	
			165 - 201	Color Fading slow to fast	
			202 - 255	No function	

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14	19	Dimmer FX All	000 - 255	0% to 100%		
15	20	FX Strobe	000 - 005	Open	Multi- functional Strobe	FX Control
			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					
16	21	FX 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		
17	22	FX Pattern Speed	000 - 005	FX Pattern Speed Stop		
			006 - 063	FX Pattern Speed slow to fast (Chase)		
			064 - 127	FX Pattern Speed fast to slow (Chase) (backwards)		

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17	22	FX Pattern Speed	128 - 191	FX Pattern Speed slow to fast (Fade)		FX Control
			192 - 255	FX Pattern Speed fast to slow (Fade) (backwards)		
18	23	Pattern Folder	000 - 005	Off		
			006 - 064	Static Pattern 1		
			065 - 128	Static Pattern 2		
			129 - 255	Effect Pattern 1		
19	24	Pattern Selection	000 - 005	Off	Pattern	Back-ground Functions
			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 - 201	11 to 49		
202 - 255	50					
20	25	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	26	Pattern Transition	000 - 005	0s (Off)		
			006 - 255	0,1s to 5s		
22	27	Pattern Fade/ Wake Effect	000 - 005	off		
			006 - 127	Fade 0% to 100%		
			128 - 255	Wake 0% to 100%		

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23	28	Back-ground Dimmer	000	-	255	0% to 100%	Back-ground Dimmer	
24	29	Back-ground Dimmer fine	000	-	255			
25	30	Back-ground Strobe	000	-	005	Open	Back-ground Strobe	Back-ground Functions
			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		
	31	Back-ground Red	000	-	255	0% to 100%	Back-ground Color Mixing	
	32	Back-ground Red fine	000	-	255			
	33	Back-ground Green	000	-	255	0% to 100%		
	34	Back-ground Green fine	000	-	255			

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	35	Back-ground Blue	000	-	255	0% to 100%	Back-ground Color Mixing	Back-ground Functions
	36	Back-ground Blue fine	000	-	255			
	37	Back-ground Lime	000	-	255	0% to 100%		
	38	Back-ground Lime fine	000	-	255			
26		Back-ground Hue	000	-	255	0° (Red) to 360°		
27		Back-ground Hue fine	000	-	255			
28		Back-ground Saturation	000	-	255	0% (White) to 100% (Color)		
29	39	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		
			211	-	211	Daylight White (6500K)		
212	-	251	6500K to Cold white					



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29	39	Background Color Temperature (affects Background Color Mixing)	252	-	255	Cold white	Back- ground Color Mixing	Back- ground Functions
30	40	Background Tint (affects Background Color Temperature)	000	-	000	Off		
			001	-	127	Magenta -> Neutral		
			128	-	128	neutral		
31	41	Background Color Presets (override Background Color Mixing & Color Temperature)	129	-	255	Neutral -> Green		
			000	-	005	No function		
			006	-	013	Red		
			014	-	021	Amber		
			022	-	029	Yellow warm		
			030	-	037	Yellow		
			038	-	045	Green		
			046	-	053	Turquoise		
			054	-	061	Cyan		
			062	-	069	Blue		
			070	-	077	Lavender		
			078	-	085	Mauve		
086	-	093	Magenta					
094	-	101	Pink					
102	-	109	Warm White					
110	-	117	White					
118	-	125	Cold White					
126	-	127	Color Jumping/Fading Stop					

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31	41	Background Color Presets (override Background Color Mixing & Color Temperature)	128 - 164	Color Jumping slow to fast	Back-ground Color Mixing	Back-ground Functions
			165 - 201	Color Fading slow to fast		
			202 - 255	No function		
32	42	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
33	43	Zoom fine	000 - 255			
34	44	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	000 - 005	No function	Blackout	Control
			006 - 007	Blackout while P/T moving On		
			008 - 009	Blackout while P/T moving Off		
			010 - 024	No function		

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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



34	44	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	025 - 025	Record User Scene 1	User Colors	Control	
			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 - 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 - 093	No function			
			094 - 095	Silent movement On	Noise Functions		
			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)	PWM Frequency					
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)						

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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



34	44	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	132	-	133	RAW	Color Calibration	Control
			134	-	135	Factory Calibration		
			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		
			164	-	165	Dimmer Curve Linear	Dimmer Curve	
			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	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	No function		
			244	-	245	Load User Default A		
246	-	247	Load User Default B					
248	-	249	Load User Default C					
250	-	255	No function					

36CH RGB Pixel	43CH RGLB Pixel	Channels	Function	Values	Sub-group	Group
1	1	Pan	000	- 255	0% to 100%	Pan
2	2	Pan fine	000	- 255		0% to 100%
3	3	Tilt	000	- 255	0% to 100%	
4	4	Tilt fine	000	- 255		0% to 100%
5	5	Dimmer	000	- 255		
6	6	Dimmer fine	000	- 255		

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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



7	7	Strobe Functions	000 - 005	Open	Multi-functional Strobe	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	Dimmer FX 1	000 - 255	0% to 100%	Multi-functional Strobe	
9	9	Dimmer FX 2	000 - 255	0% to 100%		
10	10	Dimmer FX 3	000 - 255	0% to 100%		
11	11	Dimmer FX 4	000 - 255	0% to 100%		
12	12	FX Strobe	000 - 005	Open	FX Control	
			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					

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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



12	12	FX Strobe	103 - 127	Strobe Break effect 5s to 1s (Short burst with break)	Multi-functional Strobe	FX Control
			128 - 250	Strobe slow to fast (<1Hz to 20Hz)		
			251 - 255	Open		
13	13	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
14	14	Zoom fine	000 - 255			
15	15	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	000 - 005	No function	Blackout	Control
			006 - 007	Blackout while P/T moving On		
			008 - 009	Blackout while P/T moving Off		
			010 - 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		
			033 - 041	No function	Movement	
			042 - 043	Invert Pan On		
			044 - 045	Invert Pan Off		
			046 - 047	Invert Tilt On		
			048 - 049	Invert Tilt Off	Pixel Mirroring	
			050 - 057	No Function		
			058 - 059	Pixel Mirroring Off		
			060 - 061	Pixel Mirroring Horizontal	Dimming	
			062 - 063	Pixel Mirroring Vertical		
064	065	Pixel Mirroring Horizontal + Vertical	Noise Functions			
066 - 073	No function					
074 - 075	Dimmer Response LED					
076 - 077	Dimmer Response Halogen					
078 - 093	No function					
094 - 095	Silent movement On	Noise Functions				
096 - 097	Silent movement Off					
098 - 099	Fan Auto					

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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



15	15	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	100 - 101	Fan Off	Noise Functions	Control
			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)	PWM Frequency	
			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 - 133	RAW	Color Calibration	
			134 - 135	Factory Calibration		
			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		
			164 - 165	Dimmer Curve Linear	Dimmer Curve	
			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	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	No function					
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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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



16	16	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1	Single Pixel Control
17	17	Green 1	000	-	255	0% to 100%		
18	18	Blue 1	000	-	255	0% to 100%		
	19	Lime 1	000	-	255	0% to 100%		
19	20	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2	
20	21	Green 2	000	-	255	0% to 100%		
21	22	Blue 2	000	-	255	0% to 100%		
	23	Lime 2	000	-	255	0% to 100%		
22	24	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3	Single Pixel Control
23	25	Green 3	000	-	255	0% to 100%	Color Mixing Pixel 3	
24	26	Blue 3	000	-	255	0% to 100%		
	27	Lime 3	000	-	255	0% to 100%		
25	28	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4	
26	29	Green 4	000	-	255	0% to 100%		
27	30	Blue 4	000	-	255	0% to 100%		
	31	Lime 4	000	-	255	0% to 100%		
28	32	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5	
29	33	Green 5	000	-	255	0% to 100%		
30	34	Blue 5	000	-	255	0% to 100%		
	35	Lime 5	000	-	255	0% to 100%	Color Mixing Pixel 6	
31	36	Red 6	000	-	255	0% to 100%		
32	37	Green 6	000	-	255	0% to 100%		
33	38	Blue 6	000	-	255	0% to 100%		
	39	Lime 6	000	-	255	0% to 100%	Color Mixing Pixel 7	
34	40	Red 7	000	-	255	0% to 100%		
35	41	Green 7	000	-	255	0% to 100%		
36	42	Blue 7	000	-	255	0% to 100%		
	43	Lime 7	000	-	255	0% to 100%		



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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



54CH Full Access							
Channel	Function	Values			Sub-group	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			
5	Dimmer	000	-	255	0% to 100%	Dimmer	
6	Dimmer fine	000	-	255			
7	Strobe Functions	000	-	005	Open	Multi-functional Strobe	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	Red fine	000	-	255			
10	Green	000	-	255			
11	Green fine	000	-	255			
12	Blue	000	-	255			
13	Blue fine	000	-	255			
14	Lime	000	-	255			
15	Lime fine	000	-	255			

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DMX CONTROL TABLE



16	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT	Color Mixing
		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	Tint (affects Color Temperature)	000 - 000	Off	Tint	Color Mixing
		001 - 127	Magenta -> Neutral		
		128 - 128	neutral		
		129 - 255	Neutral -> Green		
18	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function	Color	Color Mixing
		006 - 013	Red		
		014 - 021	Amber		
		022 - 029	Orange		
		030 - 037	Yellow		
		038 - 045	Green		
		046 - 053	Turquoise		
		054 - 061	Cyan		
		062 - 069	Blue		
		070 - 077	Lavender		
		078 - 085	Mauve		
		086 - 093	Magenta		
		094 - 101	Pink		
		102 - 109	Warm White		
		110 - 117	White		
		118 - 125	Cold White		
		126 - 127	Color Jumping / Fading Stop		
128 - 164	Color Jumping slow to fast				
165 - 201	Color Fading slow to fast				

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DMX CONTROL TABLE



18	Color Presets (override Color Mixing & Color Temperature)	202	-	255	No function	Color	Color Mixing
19	Dimmer FX 1	000	-	255	0% to 100%		
20	Dimmer FX 2	000	-	255	0% to 100%		
21	Dimmer FX 3	000	-	255	0% to 100%		
22	Dimmer FX 4	000	-	255	0% to 100%		
23	FX Strobe	000	-	005	Open	Multi-functional Strobe	FX
		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		
24	Zoom	000	-	255	Narrow to Wide	Zoom	Beam
25	Zoom fine	000	-	255			

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COMPACT WASH MOVING HEAD  
DMX CONTROL TABLE



26	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000	-	005	No function	Blackout	Control
		006	-	007	Blackout while P/T moving On		
		008	-	009	Blackout while P/T moving Off		
		010	-	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	User Colors	
		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	-	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	-	093	No function		
094	-	095	Silent movement On	Noise Functions			
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				

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COMPACT WASH MOVING HEAD  
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26	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	120	-	121	PWM 1 (650 Hz)	PWM Frequency	Control
		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	-	133	RAW	Color Calibration	
		134	-	135	Factory Calibration		
		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	No function		
244	-	245	Load User Default A				
246	-	247	Load User Default B				
248	-	249	Load User Default C	Single Pixel Control			
250	-	255	No function				
27	Red 1	000	-		255	0% to 100%	Color Mixing Pixel 1
28	Green 1	000	-	255	0% to 100%		
29	Blue 1	000	-	255	0% to 100%	Color Mixing Pixel 2	
30	Lime 1	000	-	255	0% to 100%		
31	Red 2	000	-	255	0% to 100%	Single Pixel Control	
32	Green 2	000	-	255	0% to 100%		
33	Blue 2	000	-	255	0% to 100%		
34	Lime 2	000	-	255	0% to 100%		

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35	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3	Single Pixel Control
36	Green 3	000	-	255	0% to 100%		
37	Blue 3	000	-	255	0% to 100%		
38	Lime 3	000	-	255	0% to 100%		
39	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4	
40	Green 4	000	-	255	0% to 100%		
41	Blue 4	000	-	255	0% to 100%		
42	Lime 4	000	-	255	0% to 100%		
43	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5	
44	Green 5	000	-	255	0% to 100%		
45	Blue 5	000	-	255	0% to 100%		
46	Lime 5	000	-	255	0% to 100%		
47	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6	
48	Green 6	000	-	255	0% to 100%		
49	Blue 6	000	-	255	0% to 100%		
50	Lime 6	000	-	255	0% to 100%		
51	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7	
52	Green 7	000	-	255	0% to 100%		
53	Blue 7	000	-	255	0% to 100%		
54	Lime 7	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 endless 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.