

ORON® H2

IP65 HYBRID PHOSPHOR-LASER
MOVING HEAD - DMX CONTROL TABLE



24CH	27CH	33CH							
Basic	Standard	Extended							
Channel	Channel	Channel	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			
5	5	5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
	6	6	Dimmer fine	000	-	255			
6	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						

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7	8	8	Cyan	000	-	255	0% to 100%	Subtractive Color Mixing	Color Wheel
		9	Cyan fine	000	-	255			
8	9	10	Magenta	000	-	255			
		11	Magenta fine	000	-	255	0% to 100%		
9	10	12	Yellow	000	-	255	0% to 100%		
		13	Yellow fine	000	-	255			
10	11	14	CTO	000	-	255	0% to 100%		
		15	CTO fine	000	-	255			
11	12	16	Color Wheel	000	-	000	Open	Color Wheel	
				001	-	008	Open -> Deep Red		
				009	-	009	Deep Red		
				010	-	017	Deep Red -> Medium Blue		
				018	-	018	Medium Blue		
				019	-	026	Medium Blue -> Yellow		
				027	-	027	Yellow		
				028	-	035	Yellow -> Magenta		
				036	-	036	Magenta		
				037	-	044	Magenta -> Blue-Green		
				045	-	045	Blue-Green		
				046	-	053	Blue-Green -> Lavender		
				054	-	054	Lavender		
				055	-	062	Lavender -> 1/2 Minus Green		
				063	-	063	1/2 Minus Green		
064	-	071	1/2 Minus Green -> CTO 5600K						
072	-	072	CTO 5600K						
073	-	080	CTO 5600K -> CTB 7800K						
081	-	081	CTB 7800K						
082	-	089	CTB 7800K -> Deep Green						

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11	12	16	Color Wheel	090 - 090	Deep Green	Color Wheel	Color
				091 - 098	Deep Green -> Pink		
				099 - 099	Pink		
				100 - 107	Pink -> Deep Orange		
				108 - 108	Deep Orange		
				109 - 116	Deep Orange -> Light Orange		
				117 - 117	Light Orange		
				118 - 125	Light Orange -> Lime		
				126 - 126	Lime		
				127 - 134	Lime -> Deep Blue		
				135 - 135	Deep Blue		
				136 - 143	Deep Blue -> CTO 2600K		
				144 - 144	CTO 2600K		
				145 - 152	CTO 2600K -> Amber		
				153 - 153	Amber		
				154 - 161	Amber -> CTO 3200K		
				162 - 162	CTO 3200K		
				163 - 170	CTO 3200K -> Congo Blue		
				171 - 171	Congo Blue		
				172 - 179	Congo Blue -> Open		
180 - 192	Open						
193 - 223	Color Wheel Rotation fast to slow						
224 - 224	Color Wheel Rotation stop						
225 - 255	Color Wheel Rotation slow to fast (backwards)						
		17	Color Wheel fine	000 - 255	Color Wheel fine		

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12	13	18	Gobo Wheel 1	000 - 005	Open	Gobo Wheel (rotating Gobos)	Gobo
				006 - 014	Open -> Gobo 1		
				015 - 015	Gobo 1		
				016 - 024	Gobo 1 -> Gobo 2		
				025 - 025	Gobo 2		
				026 - 034	Gobo 2 -> Gobo 3		
				035 - 035	Gobo 3		
				036 - 044	Gobo 3 -> Gobo 4		
				045 - 045	Gobo 4		
				046 - 054	Gobo 4 -> Gobo 5		
				055 - 055	Gobo 5		
				056 - 064	Gobo 5 -> Gobo 6		
				065 - 065	Gobo 6		
				066 - 074	Gobo 6 -> Gobo 7		
				075 - 075	Gobo 7		
				076 - 084	Gobo 7 -> Gobo 8		
				085 - 085	Gobo 8		
				086 - 094	Gobo 8 -> Gobo 9		
				095 - 095	Gobo 9		
				096 - 104	Gobo 9 -> Gobo 10		
				105 - 105	Gobo 10		
				106 - 114	Gobo 10 -> Gobo 11		
				115 - 115	Gobo 11		
				116 - 124	Gobo 11 -> Gobo 12		
				125 - 125	Gobo 12		
				126 - 134	Gobo 12 -> Open		
				135 - 139	Open		
				140 - 143	Gobo 1 Shake (slow to fast)		
				144 - 147	Gobo 2 Shake (slow to fast)		
				148 - 151	Gobo 3 Shake (slow to fast)		
152 - 155	Gobo 4 Shake (slow to fast)						
156 - 159	Gobo 5 Shake (slow to fast)						

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12	13	18	Gobo Wheel 1	160 - 163	Gobo 6 Shake (slow to fast)	Gobo Wheel (rotating Gobos)	Gobo
				164 - 167	Gobo 7 Shake (slow to fast)		
				168 - 171	Gobo 8 Shake (slow to fast)		
				172 - 175	Gobo 9 Shake (slow to fast)		
				176 - 179	Gobo 10 Shake (slow to fast)		
				180 - 183	Gobo 11 Shake (slow to fast)		
				184 - 187	Gobo 12 Shake (slow to fast)		
				188 - 192	Gobo open		
				193 - 223	Gobo Wheel rotation fast to slow		
				224 - 224	Gobo Wheel rotation Stop		
225 - 255	Gobo Wheel rotation slow to fast (backwards)						
13	14	19	Gobo Wheel 1 Gobo Position	000 - 128	Gobo Position 0° ... 540°		
				129 - 191	Gobo Rotation fast to slow		
				192 - 192	Gobo Rotation Stop		
				193 - 255	Gobo Rotation slow to fast (backwards)		
	15	20	Gobo Wheel 1 Gobo Position fine	000 - 255	Gobo Position fine		

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14	16	21	Gobo Wheel 2	000 - 005	Open	Gobo Wheel (static Gobos)	Gobo
				006 - 006	Gobo 1		
				007 - 011	Gobo 1 -> Gobo 2		
				012 - 012	Gobo 2		
				013 - 017	Gobo 2 -> Gobo 3		
				018 - 018	Gobo 3		
				019 - 023	Gobo 3 -> Gobo 4		
				024 - 024	Gobo 4		
				025 - 029	Gobo 4 -> Gobo 5		
				030 - 030	Gobo 5		
				031 - 035	Gobo 5 -> Gobo 6		
				036 - 036	Gobo 6		
				037 - 041	Gobo 6 -> Gobo 7		
				042 - 042	Gobo 7		
				043 - 047	Gobo 7 -> Gobo 8		
				048 - 048	Gobo 8		
				049 - 053	Gobo 8 -> Gobo 9		
				054 - 054	Gobo 9		
				055 - 059	Gobo 9 -> Gobo 10		
				060 - 060	Gobo 10		
				061 - 065	Gobo 10 -> Gobo 11		
				066 - 066	Gobo 11		
				067 - 071	Gobo 11 -> Gobo 12		
				072 - 072	Gobo 12		
				073 - 077	Gobo 12 -> Gobo 13		
				078 - 078	Gobo 13		
				079 - 083	Gobo 13-> Gobo 14		
				084 - 084	Gobo 14		
				085 - 089	Gobo 14 -> Gobo 15		
				090 - 090	Gobo 15		
				091 - 095	Gobo 15 -> Gobo 16		
				096 - 096	Gobo 16		
097 - 101	Gobo 16 -> Gobo 17						
102 - 102	Gobo 17						
103 - 107	Gobo 17 -> Gobo 18						
108 - 108	Gobo 18						
109 - 113	Gobo 18 -> Gobo 19						

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14	16	21	Gobo Wheel 2	114 - 114	Gobo 19	Gobo Wheel (static Gobos)	Gobo
				115 - 119	Gobo 19 -> Open		
				120 - 131	Open		
				132 - 134	Gobo 1 Shake (slow to fast)		
				135 - 137	Gobo 2 Shake (slow to fast)		
				138 - 140	Gobo 3 Shake (slow to fast)		
				141 - 143	Gobo 4 Shake (slow to fast)		
				144 - 146	Gobo 5 Shake (slow to fast)		
				147 - 149	Gobo 6 Shake (slow to fast)		
				150 - 152	Gobo 7 Shake (slow to fast)		
				153 - 155	Gobo 8 Shake (slow to fast)		
				156 - 158	Gobo 9 Shake (slow to fast)		
				159 - 161	Gobo 10 Shake (slow to fast)		
				162 - 164	Gobo 11 Shake (slow to fast)		
				165 - 167	Gobo 12 Shake (slow to fast)		
				168 - 170	Gobo 13 Shake (slow to fast)		
				171 - 173	Gobo 14 Shake (slow to fast)		
174 - 176	Gobo 15 Shake (slow to fast)						
177 - 179	Gobo 16 Shake (slow to fast)						
180 - 182	Gobo 17 Shake (slow to fast)						

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14	16	21	Gobo Wheel 2	183 - 185	Gobo 18 Shake (slow to fast)	Gobo Wheel (static Gobos)	Gobo
				186 - 188	Gobo 19 Shake (slow to fast)		
				189 - 192	Open		
				193 - 223	Gobo Wheel rotation fast to slow		
				224 - 224	Gobo Wheel rotation Stop		
				225 - 255	Gobo Wheel rotation slow to fast (backwards)		
15	17	22	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
		23	Zoom fine	000 - 255			
16	18	24	Focus	000 - 255	0% to 100%	Focus	
	19	25	Focus fine	000 - 255			
17	20	26	Effect Wheel 1 Selection	000 - 005	Open	Effect Wheel 1	
				006 - 055	5x circular Prism		
				056 - 105	8x circular Prism		
				106 - 155	2x linear Prism		
				156 - 205	4x linear Prism		
				206 - 255	6x linear Prism		
18	21	27	Effect 1 Rotation	000 - 128	Effect Slot Position 0° to 540°	Effect Wheel 1	
				129 - 191	Effect Slot Rotation fast to slow		
				192 - 192	Effect Slot Rotation Stop		
				193 - 255	Effect Slot Rotation slow to fast (backwards)		
19	22	28	Effect Wheel 2 Selection	000 - 005	Open	Effect Wheel 2	
				006 - 055	4x circular Prism		
				056 - 105	Ovalizer		
				106 - 155	Light Frost		
				156 - 205	Medium Frost		

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19	22	28	Effect Wheel 2 Selection	206	-	255	Heavy Frost	Effect Wheel 2	Beam
20	23	29	Effect 2 Rotation	000	-	128	Effect Slot Position 0° to 540°		
				129	-	191	Effect Slot Rotation fast to slow		
				192	-	192	Effect Slot Rotation Stop		
				193	-	255	Effect Slot Rotation slow to fast (backwards)		
21	24	30	Animation Wheel	000	-	255	Animation Wheel In 0 - 100%	Animation Wheel	Beam
22	25	31	Animation Wheel Rotation	000	-	128	Animation Wheel Position 0° to 540°		
				129	-	191	Animation Wheel Rotation fast to slow		
				192	-	192	Animation Wheel Rotation Stop		
				193	-	255	Animation Wheel Rotation slow to fast (backwards)		
23	26	32	Blackout Zone	000	-	005	Blackout Zone deactivated	Blackout Zone	Control
				006	-	046	Save Position 1		
				047	-	087	Save Position 2		
				088	-	108	Save Position 3		
				109	-	129	Save Position 4		
				130	-	150	Save Positions to Zone A		
				151	-	171	Save Positions to Zone B		
				172	-	192	Save Positions to Zone C		
				193	-	213	Blackout Zone A active		
214	-	234	Blackout Zone B active						

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23	26	32	Blackout Zone	235	-	255	Blackout Zone C active	Blackout Zone	
24	27	33	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000	-	003	No function		Control
				004	-	005	Enable Savings BO Zone		
				006	-	007	Blackout while P/T moving On	Blackout	
				008	-	009	Blackout while P/T moving Off		
				010	-	011	Blackout while Wheels moving On		
				012	-	013	Blackout while Wheels moving Off		
				014	-	015	Sun Protection On	Sun Protection	
				016	-	017	Sun Protection Off		
				018	-	019	Sleep Mode On	Energy Saving	
				020	-	021	Sleep Mode Off/Wake Up		
				022	-	024	No function		
				025	-	025	Record User Scene 1	User Scenes	
				026	-	026	Record User Scene 2		
				027	-	027	Record User Scene 3		
				028	-	028	Record User Scene 4		
				029	-	029	Record User Scene 5		
				030	-	030	Record User Scene 6		
				031	-	031	Record User Scene 7		
				032	-	032	Record User Scene 8		
				033	-	041	No function		
				042	-	043	Invert Pan On	Move-ment	
				044	-	045	Invert Pan Off		
				046	-	047	Invert Tilt On		
				048	-	049	Invert Tilt Off		
				050	-	051	Pan Angle 540°		
				052	-	053	Pan Angle 630°		
054	-	073	No function						

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24	27	33	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	074 - 075	Dimmer Response LED	Dimming	Control
				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)		
				132 - 139	No function		
				140 - 141	Display Always On	Display Functions	
				142 - 143	Display Off after 20s		
				144 - 147	No function		
				148 - 149	Color Wheel Snap	Wheel Movement	
				150 - 151	Color Wheel Scroll		
				152 - 153	Gobo Wheel Snap		
				154 - 155	Gobo Wheel Scroll		
				156 - 163	No function	Rotating Gobo calibration	
				164 - 165	Dimmer Curve Linear	Dimmer Curve	
				166 - 167	Dimmer Curve Exponential		
168 - 169	Dimmer Curve Logarithmic						
170 - 171	Dimmer Curve S-Curve						
172 - 209	No function						

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24	27	33	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	210	-	211	Color Wheel Shortest Way	Wheel Positioning	Control
				212	-	213	Color Wheel Clockwise		
				214	-	215	Gobo Wheel Shortest Way		
				216	-	217	Gobo Wheel Clockwise		
				220	-	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		
				250	-	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.