

# OPUS® X4 PROFILE

1400W LED SPOT PROFILE MOVING HEAD



34CH Basic	41CH Standard	56CH Extended	Function	Values		Subgroup	Group	
Channel	Channel	Channel						
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	Multifunctional 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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				000 - 005	All segments on		
				006 - 177	Fade Sparkle FX in 0 - 100%		
				178 - 180	Only LED segment 1 on		
				181 - 183	Only LED segment 2 on		
				184 - 186	Only LED segment 3 on		
				187 - 189	Only LED segment 4 on		
				190 - 192	Only LED segment 5 on		
				193 - 195	Only LED segment 6 on		
				196 - 198	Only LED segment 7 on		
				199 - 201	Only LED segment 8 on		
				202 - 204	Only LED segment 9 on		
				205 - 207	Only LED segment 1 & 2 & 3 on		
				208 - 210	Only LED segment 4 & 5 & 6 on		
				211 - 213	Only LED segment 7 & 8 & 9 on		
		8	LED Segment Dim	214 - 216	Only LED segment 1 & 3 & 5 & 7 & 9 on	LED Segment Control	LED Segments
				217 - 219	Only LED segment 2 & 4 & 6 & 8 on		
				220 - 222	Only LED segment 1 & 9 on		
				223 - 225	Only LED segment 2 & 8 on		
				226 - 228	Only LED segment 3 & 7 on		
				229 - 231	Only LED segment 4 & 5 on		
				232 - 234	Only LED segment 1 & 2 on		
				235 - 237	Only LED segment 2 & 3 on		
				238 - 240	Only LED segment 3 & 4 on		
				241 - 243	Only LED segment 4 & 5 on		

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		8	LED Segment Dim	244 - 246	Only LED segment 5 & 6 on	LED Segment Control	
				247 - 249	Only LED segment 6 & 7 on		
				250 - 252	Only LED segment 7 & 8 on		
				253 - 255	Only LED segment 8 & 9 on		
		9	Sparkle FX	000 - 005	No function	LED Segment Chaser	LED Segments
				006 - 020	Chaser 1 jump (slow to fast)		
				021 - 035	Chaser 2 jump (slow to fast)		
				036 - 050	Chaser 3 jump (slow to fast)		
				051 - 065	Chaser 4 jump (slow to fast)		
				066 - 080	Chaser 5 jump (slow to fast)		
				081 - 095	Chaser 6 jump (slow to fast)		
				096 - 110	Chaser 7 jump (slow to fast)		
				111 - 125	Chaser 8 jump (slow to fast)		
				126 - 140	Chaser 1 fade (slow to fast)		
				141 - 155	Chaser 2 fade (slow to fast)		
				156 - 170	Chaser 3 fade (slow to fast)		
				171 - 185	Chaser 4 fade (slow to fast)		
				186 - 200	Chaser 5 fade (slow to fast)		
				201 - 215	Chaser 6 fade (slow to fast)		
				216 - 230	Chaser 7 fade (slow to fast)		
				231 - 245	Chaser 8 fade (slow to fast)		
				246 - 255	No function		
7	8	10	Cyan	000 - 255	0% to 100%	Subtractive Color Mixing	Color
		11	Cyan fine	000 - 255			
8	9	12	Magenta	000 - 255	0% to 100%		
		13	Magenta fine	000 - 255			
9	10	14	Yellow	000 - 255	0% to 100%		
		15	Yellow fine	000 - 255			
10	11	16	CTO	000 - 255	0% to 100%		
		17	CTO fine	000 - 255			

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11	12	18	Color Wheel 1	000 - 000	Open	Color Wheel 1	Color
				001 - 031	Open -> Deep Red		
				032 - 032	Deep Red		
				033 - 063	Deep Red -> Medium Blue		
				064 - 064	Medium Blue		
				065 - 095	Medium Blue -> Deep Green		
				096 - 096	Deep Green		
				097 - 127	Deep Green -> Amber		
				128 - 128	Amber		
				129 - 159	Amber -> Deep Blue		
				160 - 160	Deep Blue		
				161 - 191	Deep Blue -> Open		
				192 - 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)						
12	13	19	Color Wheel 2	000 - 000	Open	Color Wheel 2	Color
				001 - 031	Open -> CTO 2600K		
				032 - 032	CTO 2600K		
				033 - 063	CTO 2600K -> CTO 3200K		
				064 - 064	CTO 3200K		
				065 - 095	CTO 3200K -> CTB 7500K		
				096 - 096	CTB 7500K		
				097 - 127	CTB 7500K -> CTB 9000K		
				128 - 128	CTB 9000K		
				129 - 159	CTB 9000K -> High CRI		
				160 - 160	High CRI		
				161 - 191	High CRI -> Open		
				192 - 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)						

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13	14	20	Gobo Wheel 1	000 - 005	Open	Gobo Wheel 1 (rotating Gobos)	Gobo
				006 - 023	Open -> Gobo1		
				024 - 024	Gobo 1		
				025 - 042	Gobo 1 -> Gobo 2		
				043 - 043	Gobo 2		
				044 - 061	Gobo 2 -> Gobo 3		
				062 - 062	Gobo 3		
				063 - 080	Gobo 3 -> Gobo 4		
				081 - 081	Gobo 4		
				082 - 099	Gobo 4 -> Gobo 5		
				100 - 100	Gobo 5		
				101 - 118	Gobo 5 -> Gobo 6		
				119 - 119	Gobo 6		
				120 - 137	Gobo 6 -> Open		
				138 - 142	Open		
				143 - 149	Gobo 1 Shake (slow -> fast)		
				150 - 156	Gobo 2 Shake (slow -> fast)		
				157 - 163	Gobo 3 Shake (slow -> fast)		
				164 - 170	Gobo 4 Shake (slow -> fast)		
				171 - 177	Gobo 5 Shake (slow -> fast)		
178 - 184	Gobo 6 Shake (slow -> fast)						
185 - 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)						
14	15	21	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)		

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	16	22	Gobo Wheel 1 Gobo Position fine	000	-	255	Gobo Position fine	Gobo Wheel 1 (rotating Gobos)	
15	17	23	Gobo Wheel 2	000	-	005	Open	Gobo Wheel 2 (rotating Gobos)	Gobo
				006	-	023	Open -> Gobo1		
				024	-	024	Gobo 1		
				025	-	042	Gobo 1 -> Gobo 2		
				043	-	043	Gobo 2		
				044	-	061	Gobo 2 -> Gobo 3		
				062	-	062	Gobo 3		
				063	-	080	Gobo 3 -> Gobo 4		
				081	-	081	Gobo 4		
				082	-	099	Gobo 4 -> Gobo 5		
				100	-	100	Gobo 5		
				101	-	118	Gobo 5 -> Gobo 6		
				119	-	119	Gobo 6		
				120	-	137	Gobo 6 -> Open		
				138	-	142	Open		
				143	-	149	Gobo 1 Shake (slow -> fast)		
				150	-	156	Gobo 2 Shake (slow -> fast)		
				157	-	163	Gobo 3 Shake (slow -> fast)		
				164	-	170	Gobo 4 Shake (slow -> fast)		
				171	-	177	Gobo 5 Shake (slow -> fast)		
178	-	184	Gobo 6 Shake (slow -> fast)						
185	-	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)						

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16	18	24	Gobo Wheel 2 Gobo Position	000 - 128	Gobo Position 0° ... 540°	Gobo Wheel 2 (rotating Gobos)	Gobo
				129 - 191	Gobo Rotation fast to slow		
				192 - 192	Gobo Rotation Stop		
				193 - 255	Gobo Rotation slow to fast (backwards)		
	19	25	Gobo Wheel 2 Gobo Position fine	000 - 255	Gobo Position fine		
17	20	26	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
		27	Zoom fine	000 - 255			
18	21	28	Focus	000 - 255	0% to 100%	Focus	
	22	29	Focus fine	000 - 255			
	23	30	Auto Focus	000 - 005	No function		Focus
				006 - 036	3m		
				037 - 067	5m		
				068 - 098	10m		
				099 - 129	15m		
				130 - 160	20m		
				161 - 191	30m		
				192 - 222	50m		
			223 - 255	100m			
	24	31	Auto Focus Adjust	000 - 255	Auto Focus Adjustment		
19	25	32	Iris	000 - 191	Open to Close	Iris	
				192 - 200	Pulse slow to fast (with Dim)		
				201 - 209	Pulse slow to fast (without Dim)		
				210 - 218	Pulse Random slow to fast (without Dim)		
				219 - 227	Ramp up slow to fast (with Dim)		
				228 - 236	Ramp up slow to fast (without Dim)		

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19	25	32	Iris	237 - 245	Ramp down slow to fast (with Dim)	Iris	Beam
				246 - 255	Ramp down slow to fast (without Dim)		
20	26	33	Prism Selection	000 - 005	No Prism	Prism	
				006 - 130	Prism 1 (5-face circular)		
				131 - 255	Prism 2 (8-face circular)		
21	27	34	Prism Rotation	000 - 128	Prism Position 0° to 540°	Prism	
				129 - 191	Prism Rotation fast to slow		
				192 - 192	Prism Rotation Stop		
22	28	35	Frost	000 - 000	No Frost	Frost	
				001 - 128	0% to 100% Light Frost		
				129 - 129	No Frost		
				130 - 255	0% to 100% Medium Frost		
23	29	36	Animation Wheel	000 - 255	Animation Wheel In 0 - 100%	Animation Wheel	
24	30	37	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)		
25	31	38	Blade 1A	000 - 255	0% - 100%	Framing Blades	Framing
		39	Blade 1A fine	000 - 255			
26	32	40	Blade 1B	000 - 255	0% - 100%		
		41	Blade 1B fine	000 - 255			
27	33	42	Blade 2A	000 - 255	0% - 100%		
		43	Blade 2A fine	000 - 255			
28	34	44	Blade 2B	000 - 255	0% - 100%		
		45	Blade 2B fine	000 - 255			



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29	35	46	Blade 3A	000	-	255	0% - 100%	Framing Blades	Framing
		47	Blade 3A fine	000	-	255			
30	36	48	Blade 3B	000	-	255	0% - 100%		
		49	Blade 3B fine	000	-	255			
31	37	50	Blade 4A	000	-	255	0% - 100%		
		51	Blade 4A fine	000	-	255			
32	38	52	Blade 4B	000	-	255	0% - 100%		
		53	Blade 4B fine	000	-	255			
33	39	54	Shape Rotation	000	-	255	0% - 100%	Rotation	
	40	55	Shape Rotation fine	000	-	255			
34	41	56	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	-	011	Blackout while Wheels moving On		
				012	-	013	Blackout while Wheels moving Off		
				014	-	017	No function		
				018	-	019	Sleep Mode On	Energy Saving	
				020	-	021	Sleep Mode Off/Wake Up		
				022	-	024	No function		
				025	-	025	Record Scene 1	User Colors	
				026	-	026	Record Scene 2		
				027	-	027	Record Scene 3		
				028	-	028	Record Scene 4		
				029	-	029	Record Scene 5		
030	-	030	Record Scene 6						
031	-	031	Record Scene 7						
032	-	032	Record Scene 8						
033	-	041	No function						

34	41	56	Device Settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	042 - 043	Invert Pan On	Movement	Control
				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		
				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)		
				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						

34	41	56	Device Settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	156 - 157	Gobo Color Correction On	Gobo Color Correction	Control
				158 - 159	Gobo Color Correction Off		
				160 - 161	No Function	Reserved	
				162 - 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 - 209	No function		
				210 - 211	Color Wheel Shortest Way	Wheel Positioning	
				212 - 213	Color Wheel Clockwise		
				214 - 215	Gobo Wheel Shortest Way		
				216 - 217	Gobo Wheel Clockwise		
				218 - 219	Framing Control Left & Right	Framing Control	
				220 - 221	Framing Control Position & Angle		
				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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**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.