

OPUS[®] X PROFILE

HIGH-POWER PROFILE MOVING HEAD

DMX CONTROL TABLE



37	55		CH Mode				
Standard	Extended	Function	Values				Sub-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%	Tilt
4	4	Tilt fine	000	-	255	0% to 100%	
5	5	Dimmer	000	-	255	0% to 100%	Dimmer
6	6	Dimmer fine	000	-	255	0% to 100%	
7	7	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
			006	-	010	Strobe closed	
			011	-	022	Ramp up/down, slow -> fast	
			023	-	033	Ramp up/down random, slow->fast	
			034	-	045	Ramp up, slow -> fast	
			046	-	056	Ramp up random, slow -> fast	
			057	-	068	Ramp down, slow -> fast	
			069	-	079	Ramp down random, slow -> fast	
			080	-	102	Random Strobe effect, slow -> fast	
			103	-	127	Strobe Break effect, 5s.....1s (short burst with break)	
128	-	250	Strobe slow -> fast <1Hz - 20Hz				
			251	-	255	Strobe open	
8	8	LED-segment Dim	000	-	005	All segments on	LED-segment Control
			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 1 + 2 on	
			205	-	207	Only LED segment 3 + 4 on	
			208	-	210	Only LED segment 5 + 6 on	
			211	-	213	Only LED segment 7 + 8 on	
			214	-	216	Only LED segment 1 + 8 on	
			217	-	219	Only LED segment 2 + 7 on	
			220	-	222	Only LED segment 3 + 6 on	
			223	-	225	Only LED segment 4 + 5 on	
			226	-	228	Only LED segment 1 + 2 + 3 + 4 on	
			229	-	231	Only LED segment 5 + 6 + 7 + 8 on	
232	-	234	Only LED segment 1 + 3 + 5 + 7 on				
235	-	237	Only LED segment 2 + 4 + 6 + 8 on				
238	-	255	All segments on				

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9	Sparkle FX (Channel 8 Value 006 - 177)	000	-	005	No function	LED-segment Control	
		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				
8	10	Cyan	000	-	255	0% to 100%	Cyan
	11	Cyan fine	000	-	255	0% to 100%	
9	12	Magenta	000	-	255	0% to 100%	Magenta
	13	Magenta fine	000	-	255	0% to 100%	
10	14	Yellow	000	-	255	0% to 100%	Yellow
	15	Yellow fine	000	-	255	0% to 100%	
11	16	CTO	000	-	255	0% to 100%	CTO
	17	CTO fine	000	-	255	0% to 100%	
12	18	Color Wheel	000	-	000	Color open	Color Wheel
			001	-	026	Open -> Deep red	
			027	-	027	Deep Red	
			028	-	053	Deep Red -> Medium Blue	
			054	-	054	Medium Blue	
			055	-	080	Medium Blue -> Deep Green	
			081	-	081	Deep Green	
			082	-	107	Depp Green -> Lavender	
			108	-	108	Lavender	
			109	-	134	Lavender -> Amber	
			135	-	135	Amber	
			136	-	161	Amber -> Congo Blue	
			162	-	162	Congo Blue	
			163	-	188	Congo Blue -> Open	
			189	-	191	Color open	
			192	-	223	Color Wheel rotation fast -> slow, fwd	
224	-	224	Color Wheel rotation stop				
225	-	255	Color Wheel rotation slow -> fast, bwd				
	19	Color Wheel fine	000	-	255	0% to 100% (position and speed)	

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13	20	Gobo Wheel 1	000	-	000	Open	Gobo
			001	-	017	Open -> Gobo1	
			018	-	018	Gobo 1	
			019	-	035	Gobo 1 -> Gobo 2	
			036	-	036	Gobo 2	
			037	-	053	Gobo 2 -> Gobo 3	
			054	-	054	Gobo 3	
			055	-	071	Gobo 3 -> Gobo 4	
			072	-	072	Gobo 4	
			073	-	089	Gobo 4 -> Gobo 5	
			090	-	090	Gobo 5	
			091	-	107	Gobo 5 -> Gobo 6	
			108	-	108	Gobo 6	
			109	-	125	Gobo 6 -> Open	
			126	-	128	Open	
			129	-	138	Gobo 1 shake (slow-fast)	
			139	-	148	Gobo 2 shake (slow-fast)	
			149	-	158	Gobo 3 shake (slow-fast)	
			159	-	168	Gobo 4 shake (slow-fast)	
			169	-	178	Gobo 5 shake (slow-fast)	
			179	-	188	Gobo 6 shake (slow-fast)	
			189	-	191	Gobo open	
			192	-	223	Gobo Wheel rotation fast -> slow, fwd	
			224	-	224	Gobo Wheel rotation stop	
225	-	255	Gobo Wheel rotation slow -> fast, bwd				
14	21	Gobo Wheel 1 Gobo Rotation	000	-	128	Gobo Position 0° ... 540°	
			129	-	191	Gobo Rotation, fast -> slow, fwd	
			192	-	192	Gobo Rotation Stop	
			193	-	255	Gobo Rotation, slow -> fast, bwd	
15	22	Gobo Wheel 1 Gobo Rotation fine	000	-	255	Gobo position fine	

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16	23	Gobo Wheel 2	000	-	000	Open	Gobo
			001	-	014	Open -> Gobo1	
			015	-	015	Gobo 1	
			016	-	029	Gobo 1 -> Gobo 2	
			030	-	030	Gobo 2	
			031	-	044	Gobo 2 -> Gobo 3	
			045	-	045	Gobo 3	
			046	-	059	Gobo 3 -> Gobo 4	
			060	-	060	Gobo 4	
			061	-	074	Gobo 4 -> Gobo 5	
			075	-	075	Gobo 5	
			076	-	089	Gobo 5 -> Gobo 6	
			090	-	090	Gobo 6	
			091	-	104	Gobo 6 -> Gobo 7	
			105	-	105	Gobo 7	
			106	-	119	Gobo 7 -> Open	
			120	-	125	Open	
			126	-	134	Gobo 1 shake (slow-fast)	
			135	-	143	Gobo 2 shake (slow-fast)	
			144	-	152	Gobo 3 shake (slow-fast)	
			153	-	161	Gobo 4 shake (slow-fast)	
			162	-	170	Gobo 5 shake (slow-fast)	
			171	-	179	Gobo 6 shake (slow-fast)	
			180	-	188	Gobo 7 shake (slow-fast)	
			189	-	191	Gobo open	
192	-	223	Gobo Wheel rotation fast -> slow, fwd				
224	-	224	Gobo Wheel rotation stop				
225	-	255	Gobo Wheel rotation slow -> fast, bwd				
17	24	Zoom	000	-	255	Narrow to wide	Zoom
	25	Zoom fine	000	-	255	Narrow to wide	
18	26	Focus	000	-	255	0% to 100%	Focus
	27	Focus fine	000	-	255	0% to 100%	
19	28	Iris	000	-	191	Open -> Close	
			192	-	200	Puls, slow -> fast (with Dim)	
			201	-	209	Puls , slow -> fast (without Dim)	
			210	-	218	Puls Random, slow -> fast (without Dim)	
			219	-	227	Ramp up, slow -> fast (with Dim)	
			228	-	236	Ramp up, slow -> fast (without Dim)	
			237	-	245	Ramp down, slow -> fast (with Dim)	
246	-	255	Ramp down, slow -> fast (without Dim)				
20	29	Prism	000	-	005	No Prism	Prism
			006	-	127	Prism 1 (linear)	
			128	-	255	Prism 2 (square)	

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21	30	Prism rotation	000	-	128	Prism position 0° ... 540°	Prism rotation	
			129	-	191	Prism rotation, fast -> slow, fwd		
			192	-	192	Prism rotation Stop		
			193	-	255	Prism rotation, slow -> fast , bwd		
22	31	Frost soft	000	-	255	0% to 100%	Frost	
23	32	Frost heavy	000	-	255	0% to 100%		
24	33	Animation Wheel	000	-	128	Animation Wheel 0 - 100%	Animation	
			129	-	170	Bounce 1/3 in, fast -> slow		
			171	-	212	Bounce 2/3 in, fast -> slow		
			213	-	255	Bounce full in, fast -> slow		
25	34	Animation Wheel Rotation	000	-	128	Position 0° ... 540°	Animation	
			129	-	191	Rotation, fast -> slow, fwd		
			192	-	192	Rotation stop		
			193	-	255	Rotation, slow -> fast, bwd		
26	35	Blade 1A	000	-	255	0% to 100%	Framing Blades	
	36	Blade 1A fine	000	-	255	0% to 100%		
27	37	Blade 1B	000	-	255	0% to 100%		
	38	Blade 1B fine	000	-	255	0% to 100%		
28	39	Blade 2A	000	-	255	0% to 100%		
	40	Blade 2A fine	000	-	255	0% to 100%		
29	41	Blade 2B	000	-	255	0% to 100%		
	42	Blade 2B fine	000	-	255	0% to 100%		
30	43	Blade 3A	000	-	255	0% to 100%		
	44	Blade 3A fine	000	-	255	0% to 100%		
31	45	Blade 3B	000	-	255	0% to 100%		
	46	Blade 3B fine	000	-	255	0% to 100%		
32	47	Blade 4A	000	-	255	0% to 100%		
	48	Blade 4A fine	000	-	255	0% to 100%		
33	49	Blade 4B	000	-	255	0% to 100%		
	50	Blade 4B fine	000	-	255	0% to 100%		
34	51	Shape Rotation	000	-	255	0% to 100%		Shape Rotation
	52	Shape Rotation fine	000	-	255	0% to 100%		
35	53	Pan/Tilt Macro	000	-	005	off		Auto Movement
			006	-	040	PAN „small > big“		
			041	-	075	TILT „small > big“		
			076	-	110	PAN / TILT „small > big“		
			111	-	145	PAN / TILT (invers) „small > big“		
			146	-	180	Circle „small > big“		
			181	-	215	Circle (invers) „small > big“		
216	-	255	Random „small > big“					
36	54	Pan/Tilt Speed	000	-	255	Pan/Tilt speed fast -> slow	Pan/Tilt Speed	

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37	55	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	-	011	Blackout while Prism moving on (hold 3s)
			012	-	013	Blackout while Prism moving off (hold 3s)
			014	-	015	Blackout while Gobo moving on (hold 3s)
			016	-	017	Blackout while Gobo moving off (hold 3s)
			018	-	019	Blackout while Color moving on (hold 3s)
			020	-	021	Blackout while Color moving off (hold 3s)
			022	-	041	No function
			042	-	043	Invert Pan on (hold 3s)
			044	-	045	Invert Pan off (hold 3s)
			046	-	047	Invert Tilt on (hold 3s)
			048	-	049	Invert Tilt off (hold 3s)
			050	-	051	Pan Angle 540° (Hold 3s)
			052	-	053	Pan Angle 630° (Hold 3s)
			054	-	073	No function
			074	-	075	Dimmer Response LED (Hold 1,5 s)
			076	-	077	Dimmer Response (Hold 1,5 s)
			078	-	093	No function
			094	-	095	Silent movement (slow) on (Hold 3s)
			096	-	097	Silent movement (slow) off (Hold 5s)
			098	-	099	Fan off (hold 3s)
			100	-	101	Silent Fan (Hold 3s)
			102	-	103	Auto Fan (Hold 3s)
			104	-	119	No function
			120	-	121	PWM 650 Hz (hold 3s)
			122	-	123	PWM 1530 Hz (hold 3s)
			124	-	125	PWM 3600 Hz (hold 3s)
			126	-	127	PWM 12kHz (hold 3s)
			128	-	129	PWM 18,9kHz (hold 3s)
			130	-	131	PWM 25kHz (hold 3s)
			132	-	139	No function
			140	-	141	Display on (Hold 3s)
			142	-	143	Display off (Hold 3s)
			144	-	147	No function
			148	-	149	Color Wheel snap (Hold 3s)
			150	-	151	Color Wheel scroll (Hold 3s)
			152	-	153	Gobo Wheel snap (Hold 3s)
			154	-	155	Gobo Wheel scroll (Hold 3s)
156	-	163	No function			

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37	55	Device settings (please read remark 1*)	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	-	209	No function
			210	-	211	Color Pos Mode quick (Hold 3s)
			212	-	213	Color Pos Mode Clockwise (Hold 3s)
			214	-	215	Gobo Pos Mode quick (Hold 3s)
			216	-	217	Gobo Pos Mode Clockwise (Hold 3s)
			218	-	221	No function
			222	-	223	Reset Pan / Tilt (Hold 3s)
			224	-	233	No function
			035	-	235	Reset Head complete (Hold 3s)
			236	-	237	Reset All Functions (Hold 3s)
			238	-	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.