

OPUS® SP5 FC

PROFILE SPOT MOVING HEAD
DMX CONTROL TABLE



DMX Tables Opus SP5 FC									
HSI Std.	HSI Ext.	Direct Std.	Direct Ext.	Function	Values			Sub-Group	
1	1	1	1	Pan	000	-	255	0% to 100%	Pan
2	2	2	2	Pan fine	000	-	255	0% to 100%	
3	3	3	3	Tilt	000	-	255	0% to 100%	
4	4	4	4	Tilt fine	000	-	255	0% to 100%	Tilt
5	5	5	5	Dimmer	000	-	255	0% to 100%	
6	6	6	6	Dimmer fine	000	-	255	0% to 100%	Dimmer
7	7	7	7	Strobe functions	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 (short burst with break)	
					128	-	250	Strobe slow -> fast <1Hz - 20Hz	
					251	-	255	Strobe open	
		8	8	Red	000	-	255	0% to 100%	Red
			9	Red fine	000	-	255	0% to 100%	
		9	10	Green	000	-	255	0% to 100%	Green
			11	Green fine	000	-	255	0% to 100%	
		10	12	Blue	000	-	255	0% to 100%	Blue
			13	Blue fine	000	-	255	0% to 100%	
		11	14	Amber	000	-	255	0% to 100%	Amber
			15	Amber fine	000	-	255	0% to 100%	
		12	16	Lime	000	-	255	0% to 100%	Lime
			17	Lime fine	000	-	255	0% to 100%	
8	8			Hue	000	-	255	0° (red) thru 360°	Hue
	9			Hue Fine	000	-	255	fine steps	
9	10			Saturation	000	-	255	0% (white) -> 100% Saturation	Saturation
10	11	13	18	Color Temperature Correction (affects RGBAL, HSI and Color Macros)	000	-	000	Off	Virtual Color Temperature Correction
					001	-	255	Cold -> warm	
11	12	14	19	Tint (affects only CTC)	000	-	127	Linear tint from magenta to neutral	Virtual Tint
					128	-	128	Neutral	
					129	-	255	Linear tint from neutral to green	

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12	13	15	20	Color Macro	000	-	005	No function	Color Macro
					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 Oklahoma yellow	
					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 Mikkell 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	-	255	No function						

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13	14	16	21	Color Macro Crossfade	000 - 005	0s	Transition time between Color Macros
					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)	
14	15	17	22	Gobo Wheel 1	000 - 005	Open	Gobo
					006 - 020	Gobo 1	
					021 - 035	Gobo 2	
					036 - 050	Gobo 3	
					051 - 065	Gobo 4	
					066 - 080	Gobo 5	
					081 - 095	Gobo 6	
					096 - 110	Gobo 1 shake (slow -> fast)	
					111 - 125	Gobo 2 shake (slow -> fast)	
					126 - 140	Gobo 3 shake (slow -> fast)	
					141 - 155	Gobo 4 shake (slow -> fast)	
					156 - 170	Gobo 5 shake (slow -> fast)	
					171 - 185	Gobo 6 shake (slow -> fast)	
					186 - 192	Open	
					193 - 223	Gobo Wheel rotation slow -> fast, fwd	
224 - 224	Gobo Wheel rotation stop						
225 - 255	Gobo Wheel rotation fast -> slow, bwd						
15	16	18	23	Gobo Wheel 1 Gobo rotation	000 - 005	Gobo rotation off	Gobo
					006 - 128	Gobo position 0° ... 540°	
					129 - 191	Gobo rotation, slow -> fast, fwd	
					192 - 192	Gobo rotation stop	
					193 - 255	Gobo rotation, fast -> slow, bwd	
16	17	19	24	Gobo Wheel 1 Gobo Rotation fine	000 - 255	Gobo indexing fine	
17	18	20	25	Gobo Wheel 2 (fixed Gobos)	000 - 005	Open	Gobo
					006 - 018	Gobo 1	
					019 - 031	Gobo 2	
					032 - 044	Gobo 3	
					045 - 057	Gobo 4	
					058 - 070	Gobo 5	
					071 - 083	Gobo 6	
					084 - 096	Gobo 7	
					097 - 109	Gobo 1 shake (slow-fast)	
					110 - 122	Gobo 2 shake (slow-fast)	
					123 - 135	Gobo 3 shake (slow-fast)	
					136 - 148	Gobo 4 shake (slow-fast)	
					149 - 161	Gobo 5 shake (slow-fast)	
					162 - 174	Gobo 6 shake (slow-fast)	
					175 - 187	Gobo 7 shake (slow-fast)	
					188 - 193	Open	
					193 - 223	Gobo Wheel rotation slow -> fast, fwd	
224 - 224	Gobo Wheel rotation stop						
225 - 255	Gobo Wheel rotation fast -> slow, bwd						

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18	19	21	26	Zoom	000	-	255	Narrow -> wide	Zoom
	20		27	Zoom fine	000	-	255	Narrow -> wide	
19	21	22	28	Focus	000	-	255	0% to 100%	Focus
	22		29	Focus fine	000	-	255	0% to 100%	
20	23	23	30	Iris	000	-	192	Open - close	Iris
					193	-	201	Pulse, slow -> fast (with dim)	
					202	-	210	Pulse, slow -> fast (without dim)	
					211	-	219	Pulse random, slow -> fast (without dim)	
					220	-	228	Ramp up, slow -> Fast (with dim)	
					229	-	237	Ramp up, slow -> fast (without dim)	
					238	-	246	Ramp down, slow -> fast (with dim)	
247	-	255	Ramp down, slow -> fast (without dim)						
21	24	24	31	Prism Wheel	000	-	005	No Prism	Prism
					006	-	130	Prism 1 (3 facet)	
					131	-	255	Prism 2 (6 facet)	
22	25	25	32	Prism Rotation	000	-	005	Prism rotation off	Prism rotation
					006	-	128	Prism position 0 ... 540°	
					129	-	191	Prism rotation, slow -> fast, fwd	
					192	-	192	Prism rotation stop	
					193	-	255	Prism rotation, fast -> slow, bwd	
23	26	26	33	Frost	000	-	255	0% to 100%	Frost
24	27	27	34	Effect Wheel	000	-	005	Wheel rotation off	Animation Wheel
					006	-	128	Wheel position 0 ... 540°	
					129	-	191	Wheel rotation slow -> fast, fwd	
					192	-	192	Wheel rotation stop	
					193	-	255	Wheel rotation fast -> slow, bwd	
25	28	28	35	Blade 1A	000	-	255	0% - 100%	Framing Blades
	29		36	Blade 1A fine	000	-	255	0% - 100%	
26	30	29	37	Blade 1B	000	-	255	0% - 100%	
	31		38	Blade 1B fine	000	-	255	0% - 100%	
27	32	30	39	Blade 2A	000	-	255	0% - 100%	
	33		40	Blade 2A fine	000	-	255	0% - 100%	
28	34	31	41	Blade 2B	000	-	255	0% - 100%	
	35		42	Blade 2B fine	000	-	255	0% - 100%	
29	36	32	43	Blade 3A	000	-	255	0% - 100%	
	37		44	Blade 3A fine	000	-	255	0% - 100%	
30	38	33	45	Blade 3B	000	-	255	0% - 100%	
	39		46	Blade 3B fine	000	-	255	0% - 100%	
31	40	34	47	Blade 4A	000	-	255	0% - 100%	
	41		48	Blade 4A fine	000	-	255	0% - 100%	
32	42	35	49	Blade 4B	000	-	255	0% - 100%	
	43		50	Blade 4B fine	000	-	255	0% - 100%	
33	44	36	51	Shape Rotation	000	-	255	0% - 100%	
	45		52	Shape Rotation Fine	000	-	255	0% - 100%	

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	46		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“						
34	47	37	54	Pan/Tilt Speed	006	-	255	Pan/Tilt Fast -> Slow	Pan/Tilt speed
35	48	38	55	Set dimmer curve	000	-	005	no function	Set dimmer curve
					006	-	063	Linear dimmer curve	
					064	-	127	Exponential dimmer curve	
					128	-	191	Logarithmic dimmer curve	
					192	-	255	S-Curve dimmer curve	
36	49	39	56	Device settings (please read remark 1*)	000	-	005	No function	Device settings
					006	-	020	Blackout while moving on (hold 3s)	
					021	-	035	Blackout while moving off (hold 5s)	
					036	-	050	Invert Pan on (hold 3s)	
					051	-	065	Invert Pan off (hold 5s)	
					066	-	080	Invert Tilt on (hold 3s)	
					081	-	095	Invert Tilt off (hold 5s)	
					096	-	110	Fan Auto (hold 3s)	
					111	-	125	Fan Silent (hold 5s)	
					126	-	140	Led Freq. 650 Hz (hold 3s)	
					141	-	155	Led Freq. 1530 Hz (hold 3s)	
					156	-	170	Led Freq. 3600 Hz (hold 3s)	
					171	-	185	Led Freq. 12000 Hz (hold 3s)	
					186	-	200	Led Freq. 25000 Hz (hold 3s)	
					201	-	215	Reset Pan/Tilt (hold 3s)	
					216	-	230	Reset only head (hold 3s)	
231	-	255	Reset all functions (hold 3s)						

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.