

OPUS® SP5

PROFILE MOVING HEAD
DMX CONTROL TABLE - PROFILE



50CH Mode EXTENDED						
Ch.	Function	Values			Sub-Group	
1	Pan	000	-	255	0% to 100%	Pan
2	Pan fine	000	-	255	0% to 100%	
3	Tilt	000	-	255	0% to 100%	Tilt
4	Tilt fine	000	-	255	0% to 100%	
5	Dimmer	000	-	255	0% to 100%	Dimmer
6	Dimmer fine	000	-	255	0% to 100%	
7	Strobe functions	000	-	005	Strobe open	Multifunctionalstrobe
		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	Cyan	000	-	255	0% to 100%	Cyan
9	Cyan Fine	000	-	255	0% to 100%	
10	Magenta	000	-	255	0% to 100%	Magenta
11	Magenta Fine	000	-	255	0% to 100%	
12	Yellow	000	-	255	0% to 100%	Yellow
13	Yellow Fine	000	-	255	0% to 100%	
14	CTO	000	-	255	0% to 100%	CTO
15	CTO Fine	000	-	255	0% to 100%	
16	Colour Wheel	000	-	005	Colour off (open)	Colour Wheel
		006	-	017	Open/Deep Red	
		018	-	029	Deep Red	
		030	-	041	Deep Red / Medium Blue	
		042	-	053	Medium Blue	
		054	-	065	Medium Blue / Deep Green	
		066	-	077	Deep Green	
		078	-	089	Depp Green / Lavender	
		090	-	101	Lavender	
		102	-	113	Lavender / Amber	
		114	-	125	Amber	
		126	-	137	Amber / CTO	
		138	-	149	CTO	
		150	-	161	CTO / Congo Blue	
		162	-	173	Congo Blue	
		174	-	185	Congo Blue / Open	
		186	-	192	Colour off (open)	
193	-	223	Colour Wheel rot. Slow -> Fast, CW			
224	-	224	Colour Wheel rot. Stop			
225	-	255	Colour Wheel rot. Fast -> Slow, CCW			

OPUS® SP5

PROFILE MOVING HEAD

DMX CONTROL TABLE - PROFILE



17	GoboWheel 1	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	-	187	Gobo 6 shake (slow-fast)	
		175	-	190	Gobo 7 shake (slow-fast)	
		191	-	192	Open	
		193	-	223	Gobo Wheel rot. Slow -> Fast, CW	
224	-	224	Gobo Wheel rot. Stop			
225	-	255	Gobo Wheel rot. Fast -> Slow, CCW			
18	Gobo 1 Rotation	000	-	005	Gobo1 Rot. Off	
		006	-	128	Gobo Position 0° ... 540°	
		129	-	191	Gobo Rotation, Slow -> Fast, CW	
		192	-	192	Gobo Rotation Stop	
		193	-	255	Gobo Rotation, Fast -> , CCW	
19	Gobo 1 Rotation fine	000	-	255	Gobo indexing fine	
20	GoboWheel 2	000	-	005	Open	
		006	-	017	Gobo 1	
		018	-	029	Gobo 2	
		030	-	041	Gobo 3	
		042	-	053	Gobo 4	
		054	-	065	Gobo 5	
		066	-	077	Gobo 6	
		078	-	089	Gobo 7	
		090	-	101	Gobo 8	
		102	-	113	Gobo 1 shake (slow-fast)	
		114	-	125	Gobo 2 shake (slow-fast)	
		126	-	137	Gobo 3 shake (slow-fast)	
		138	-	149	Gobo 4 shake (slow-fast)	
		150	-	161	Gobo 5 shake (slow-fast)	
		162	-	173	Gobo 6 shake (slow-fast)	
		174	-	185	Gobo 7 shake (slow-fast)	
		186	-	191	Gobo 8 shake (slow-fast)	
191	-	192	Open			
193	-	223	Gobo Wheel rot. Slow -> Fast, CW			
224	-	224	Gobo Wheel rot. Stop			
225	-	255	Gobo Wheel rot. Fast -> Slow, CCW			

OPUS® SP5

PROFILE MOVING HEAD

DMX CONTROL TABLE - PROFILE



21	Zoom	000	-	255	narrow to wide	Zoom
22	Zoom fine	000	-	255	narrow to wide	
23	Focus	000	-	255	0% to 100%	Focus
24	Focus fine	000	-	255	0% to 100%	
25	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)			
26	PrismWheel	000	-	005	no Prism	Prism
		006	-	130	Prism 1 (3 Facet)	
		131	-	255	Prism 2 (6 Facet)	
27	Prism rotation	000	-	005	Prism Rot. Off	Prism rotation
		006	-	128	Prism Position 0 ... 540°	
		129	-	191	Prism Rotation, Slow -> Fast, CW	
		192	-	192	Prism Rotation Stop	
		193	-	255	Prism Rotation, Fast -> Slow, CCW	
28	Frost	000	-	255	0% to 100%	Frost
29	Blade 1A	000	-	255	0% - 100%	Framing Blades
30	Blade 1A fine	000	-	255	0% - 100%	
31	Blade 1B	000	-	255	0% - 100%	
32	Blade 1B fine	000	-	255	0% - 100%	
33	Blade 2A	000	-	255	0% - 100%	
34	Blade 2A fine	000	-	255	0% - 100%	
35	Blade 2B	000	-	255	0% - 100%	
36	Blade 2B fine	000	-	255	0% - 100%	
37	Blade 3A	000	-	255	0% - 100%	
38	Blade 3A fine	000	-	255	0% - 100%	
39	Blade 3B	000	-	255	0% - 100%	
40	Blade 3B fine	000	-	255	0% - 100%	
41	Blade 4A	000	-	255	0% - 100%	
42	Blade 4A fine	000	-	255	0% - 100%	
43	Blade 4B	000	-	255	0% - 100%	
44	Blade 4B fine	000	-	255	0% - 100%	
45	Shape Rotation	000	-	255	0% - 100%	
46	Shape Rotation Fine	000	-	255	0% - 100%	

OPUS® SP5

PROFILE MOVING HEAD

DMX CONTROL TABLE - PROFILE



47	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“			
48	Pan/Tilt Speed	006	-	255	Pan/Tilt Fast -> Slow	Pan/Tilt speed
49	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	
50	Device settings	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. 3.600 Hz (hold 3s)	
		171	-	185	Led Freq. 12.000 Hz (hold 3s)	
		186	-	200	Led Freq. 25.000 Hz (hold 3s)	
		201	-	215	Reset Pan/Tilt (Hold 3s)	
216	-	230	Reset only Head (Hold 3s)			
231	-	255	Reset All Functions (Hold 3s)			

OPUS® SP5
 PROFILE MOVING HEAD
 DMX CONTROL TABLE - PROFILE



34CH Mode Standard						
Ch.	Function	Values			Sub-Group	
1	Pan	000	-	255	0% to 100%	Pan
2	Pan fine	000	-	255	0% to 100%	
3	Tilt	000	-	255	0% to 100%	Tilt
4	Tilt fine	000	-	255	0% to 100%	
5	Dimmer	000	-	255	0% to 100%	Dimmer
6	Dimmer fine	000	-	255	0% to 100%	
7	Strobe functions	000	-	005	Strobe open	Multifunctionalstrobe
		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	Cyan	000	-	255	0% to 100%	Cyan
9	Magenta	000	-	255	0% to 100%	Magenta
10	Yellow	000	-	255	0% to 100%	Yellow
11	CTO	000	-	255	0% to 100%	CTO
12	Colour Wheel	000	-	005	Colour off (open)	Colour Wheel
		006	-	017	Open/Deep Red	
		018	-	029	Deep Red	
		030	-	041	Deep Red / Medium Blue	
		042	-	053	Medium Blue	
		054	-	065	Medium Blue / Deep Green	
		066	-	077	Deep Green	
		078	-	089	Depp Green / Lavender	
		090	-	101	Lavender	
		102	-	113	Lavender / Amber	
		114	-	125	Amber	
		126	-	137	Amber / CTO	
		138	-	149	CTO	
		150	-	161	CTO / Congo Blue	
		162	-	173	Congo Blue	
		174	-	185	Congo Blue / Open	
186	-	192	Colour off (open)			
193	-	223	Colour Wheel rot. Slow -> Fast, CW			
224	-	224	Colour Wheel rot. Stop			
225	-	255	Colour Wheel rot. Fast -> Slow, CCW			

OPUS® SP5

PROFILE MOVING HEAD

DMX CONTROL TABLE - PROFILE



13	GoboWheel 1	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	-	187	Gobo 6 shake (slow-fast)	
		175	-	190	Gobo 7 shake (slow-fast)	
		191	-	192	Open	
		193	-	223	Gobo Wheel rot. Slow -> Fast, CW	
224	-	224	Gobo Wheel rot. Stop			
225	-	255	Gobo Wheel rot. Fast -> Slow, CCW			
14	Gobo 1 Rotation	000	-	005	Gobo1 Rot. Off	
		006	-	128	Gobo Position 0° ... 540°	
		129	-	191	Gobo Rotation, Slow -> Fast, CW	
		192	-	192	Gobo Rotation Stop	
		193	-	255	Gobo Rotation, Fast -> , CCW	
15	Gobo 1 Rotation fine	000	-	255	Gobo indexing fine	
16	GoboWheel 2	000	-	005	Open	
		006	-	017	Gobo 1	
		018	-	029	Gobo 2	
		030	-	041	Gobo 3	
		042	-	053	Gobo 4	
		054	-	065	Gobo 5	
		066	-	077	Gobo 6	
		078	-	089	Gobo 7	
		090	-	101	Gobo 8	
		102	-	113	Gobo 1 shake (slow-fast)	
		114	-	125	Gobo 2 shake (slow-fast)	
		126	-	137	Gobo 3 shake (slow-fast)	
		138	-	149	Gobo 4 shake (slow-fast)	
		150	-	161	Gobo 5 shake (slow-fast)	
		162	-	173	Gobo 6 shake (slow-fast)	
		174	-	185	Gobo 7 shake (slow-fast)	
		186	-	191	Gobo 8 shake (slow-fast)	
191	-	192	Open			
193	-	223	Gobo Wheel rot. Slow -> Fast, CW			
224	-	224	Gobo Wheel rot. Stop			
225	-	255	Gobo Wheel rot. Fast -> Slow, CCW			

OPUS® SP5

PROFILE MOVING HEAD

DMX CONTROL TABLE - PROFILE



17	Zoom	000	-	255	narrow to wide	Zoom
18	Focus	000	-	255	0% to 100%	Focus
19	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)	
20	PrismWheel	000	-	005	no Prism	Prism
		006	-	130	Prism 1 (3 Facet)	
		131	-	255	Prism 2 (6 Facet)	
21	Prism rotation	000	-	005	Prism Rot. Off	Prism rotation
		006	-	128	Prism Position 0 ... 540°	
		129	-	191	Prism Rotation, Slow -> Fast, CW	
		192	-	192	Prism Rotation Stop	
		193	-	255	Prism Rotation, Fast -> Slow, CCW	
22	Frost	000	-	255	0% to 100%	Frost
23	Blade 1A	000	-	255	0% - 100%	Framing Blades
24	Blade 1B	000	-	255	0% - 100%	
25	Blade 2A	000	-	255	0% - 100%	
26	Blade 2B	000	-	255	0% - 100%	
27	Blade 3A	000	-	255	0% - 100%	
28	Blade 3B	000	-	255	0% - 100%	
29	Blade 4A	000	-	255	0% - 100%	
30	Blade 4B	000	-	255	0% - 100%	
31	Shape Rotation	000	-	255	0% - 100%	
32	Pan/Tilt Speed	006	-	255	Pan/Tilt Fast -> Slow	
33	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	

OPUS® SP5

PROFILE MOVING HEAD

DMX CONTROL TABLE - PROFILE



34	Device settings	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. 3.600 Hz (hold 3s)	
		171	-	185	Led Freq. 12.000 Hz (hold 3s)	
		186	-	200	Led Freq. 25.000 Hz (hold 3s)	
		201	-	215	Reset Pan/Tilt (Hold 3s)	
		216	-	230	Reset only Head (Hold 3s)	
231	-	255	Reset All Functions (Hold 3s)			