

# AZOR® S2

COMPACT SPOT MOVING HEAD  
DMX CONTROL TABLE



21CH	24CH	28CH								
Basic	Standard	Extended	Function	Values			Subgroup	Group		
1	1	1	Pan	000	-	255	0% to 100%	Pan	Movement	
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%	Sub- tractive Color Mixing	
		9	Cyan fine	000	-	255			
8	9	10	Magenta	000	-	255			
		11	Magenta fine	000	-	255			
9	10	12	Yellow	000	-	255	0% to 100%		
		13	Yellow fine	000	-	255			
10	11	14	Colour Wheel	000	-	000	Open	Colour Wheel	
				001	-	020	Open -> Deep Red		
				021	-	021	Deep Red		
				022	-	041	Deep Red -> Medium Blue		
				042	-	042	Medium Blue		
				043	-	062	Medium Blue -> Deep Green		
				063	-	063	Deep Green		
				064	-	083	Deep Green -> Lime		
				084	-	084	Lime		
				085	-	104	Lime -> High CRI		
				105	-	105	High CRI		
				106	-	125	High CRI -> Deep Orange		
				126	-	126	Deep Orange		
				127	-	147	Deep Orange -> CTO 3200K		
				148	-	148	CTO 3200K		
				149	-	168	CTO 3200K -> Congo Blue		
				169	-	169	Congo Blue		
				170	-	189	Congo Blue -> Open		
				190	-	192	Open		
				193	-	223	Color Wheel Rotation fast to slow		
224	-	224	Color Wheel Rotation stop						

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10	11	14	Colour Wheel	225	-	255	Color Wheel Ro- tation slow to fast (backwards)	Colour Wheel	
11	12	15	Gobo Wheel 1	000	-	005	Open	Rotating Gobowheel	Gobo
				006	-	021	Open -> Gobo1		
				022	-	022	Gobo 1		
				023	-	038	Gobo 1 -> Gobo 2		
				039	-	039	Gobo 2		
				040	-	055	Gobo 2 -> Gobo 3		
				056	-	056	Gobo 3		
				057	-	072	Gobo 3 -> Gobo 4		
				073	-	073	Gobo 4		
				074	-	089	Gobo 4 -> Gobo 5		
				090	-	090	Gobo 5		
				091	-	106	Gobo 5 -> Gobo 6		
				107	-	107	Gobo 6		
				108	-	123	Gobo 6 -> Gobo 7		
				124	-	124	Gobo 7		
				125	-	140	Gobo 7 -> Gobo 8		
				141	-	141	Gobo 8		
				142	-	157	Gobo 8 -> Open		
				158	-	159	Open		
				160	-	162	Gobo Shake 1 (slow -> fast)		
				163	-	165	Gobo Shake 2 (slow -> fast)		
				166	-	168	Gobo Shake 3 (slow -> fast)		
				169	-	171	Gobo Shake 4 (slow -> fast)		
				172	-	174	Gobo Shake 5 (slow -> fast)		
				175	-	177	Gobo Shake 6 (slow -> fast)		
				178	-	180	Gobo Shake 7 (slow -> fast)		
				181	-	183	Gobo Shake 8 (slow -> fast)		
184	-	192	Open						

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11	12	15	Gobo Wheel 1	193	-	223	Gobo Wheel rotation fast -> slow, fwd	Rotating Gobowheel			
				224	-	224	Gobo Wheel rotation Stop				
				225	-	255	Gobo Wheel rotation slow -> fast, bwd				
12	13	16	Gobo 1 Rotation	000	-	128	Gobo Position 0° ... 540°				
12	13	16	Gobo Wheel 1	129	-	191	Gobo Rotation fast to slow				
				192	-	192	Gobo Rotation Stop				
				193	-	255	Gobo Rotation slow to fast (backwards)				
	14	17	Gobo 1 Rotation fine	000	-	255	Gobo Rotation fine				
13	15	18	Gobo Wheel 2	000	-	005	Open			Static Gobowheel	Gobo
				006	-	009	Open -> Gobo1				
				010	-	010	Gobo 1				
				011	-	022	Gobo 1 -> Gobo 2				
				023	-	023	Gobo 2				
				024	-	035	Gobo 2 -> Gobo 3				
				036	-	036	Gobo 3				
				037	-	048	Gobo 3 -> Gobo 4				
				049	-	049	Gobo 4				
				050	-	061	Gobo 4 -> Gobo 5				
				062	-	062	Gobo 5				
				063	-	074	Gobo 5 -> Gobo 6				
				075	-	075	Gobo 6				
				076	-	087	Gobo 6 -> Gobo 7				
				088	-	088	Gobo 7				
				089	-	100	Gobo 7 -> Gobo 8				
				101	-	101	Gobo 8				
				102	-	113	Gobo 8 -> Gobo 9				
114	-	114	Gobo 9								
115	-	126	Gobo 9 -> Gobo 10								

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13	15	18	Gobo Wheel 2	127	-	127	Gobo 10	Static Gobowheel	Gobo
				128	-	139	Gobo 10 -> Gobo 11		
				140	-	140	Gobo 11		
				141	-	152	Gobo 11 -> Open		
				153	-	155	Open		
				156	-	158	Gobo Shake 1 (slow -> fast)		
				159	-	161	Gobo Shake 2 (slow -> fast)		
				162	-	164	Gobo Shake 3 (slow -> fast)		
				165	-	167	Gobo Shake 4 (slow -> fast)		
				168	-	170	Gobo Shake 5 (slow -> fast)		
				171	-	173	Gobo Shake 6 (slow -> fast)		
				174	-	176	Gobo Shake 7 (slow -> fast)		
				177	-	179	Gobo Shake 8 (slow -> fast)		
				180	-	182	Gobo Shake 9 (slow -> fast)		
				183	-	185	Gobo Shake 10 (slow -> fast)		
				186	-	188	Gobo Shake 11 (slow -> fast)		
				189	-	192	Open		
				193	-	223	Gobo Wheel rotation fast -> slow, fwd		
				224	-	224	Gobo Wheel rotation Stop		
				225	-	255	Gobo Wheel rotation slow -> fast, bwd		
14	16	19	Zoom	000	-	255	Narrow to Wide	Zoom	Beam
		20	Zoom fine	000	-	255			

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15	17	21	Focus	000	-	255	0% to 100%	Focus	Beam
	18	22	Focus fine	000	-	255			
16	19	23	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)		
				237	-	245	Ramp down slow to fast (with Dim)		
				246	-	255	Ramp down slow to fast (without Dim)		
17	20	24	Prism Selection	000	-	005	Prism Off	Prism	
				006	-	091	Prism 1		
				092	-	175	Prism 2		
				176	-	255	Prism 1 & 2		
18	21	25	Prism 1	000	-	128	Prism Position 0° to 540°	Prism	
				129	-	191	Prism Rotation fast to slow		
				192	-	192	Prism Rotation Stop		
				193	-	255	Prism Rotation slow to fast (backwards)		
19	22	26	Prism 2	000	-	128	Prism Position 0° to 540°	Prism	
				129	-	191	Prism Rotation fast to slow		
				192	-	192	Prism Rotation Stop		

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19	22	26	Prism 2	193	-	255	Prism Rotation slow to fast (backwards)	Prism	Beam
20	23	27	Frost	000	-	255	0% to 100%	Frost	
21	24	28	Device settings (All settings executed are after holding value for 3 seconds) (please read remark 1*)	000	-	005	No function		Blackout
				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	-	024	No function		
				025	-	025	Record User Preset 1		User Colors
				026	-	026	Record User Preset 2		
				027	-	027	Record User Preset 3		
				028	-	028	Record User Preset 4		
				029	-	029	Record User Preset 5		
				030	-	030	Record User Preset 6		
				031	-	031	Record User Preset 7		
				032	-	032	Record User Preset 8		
				033	-	041	No function		Movement
				042	-	043	Invert Pan On		
				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						
								Control	

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21	24	28	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						

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21	24	28	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	Rotating Gobo calibration On	Rotating Gobo Calibration	
				162	-	163	Rotating Gobo calibration Off		
				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	-	221	No function		
				222	-	223	Reset Pan / Tilt	Reset	
				224	-	233	No function		
				234	-	235	Reset Head complete		
				236	-	237	Reset All		
				238	-	239	No function		
				240	-	241	Load Factory Defaults (2*)	Load Default	
				242	-	243	No function		
				244	-	245	Load User Default A (2*)		
				246	-	247	Load User Default B (2*)		

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21	24	28	Device settings (All settings executed are after holding value for 3 seconds) (please read remark 1*)	248	-	249	Load User Default C (2*)	Load Default	Control
				250	-	255	No function		

**EN:** (1\*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

**EN:** (2\*) No effect at all control settings (DMX Address, DMX Mode, Wireless, ...)

**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.