

AROR® S2

COMPACT SPOT MOVING HEAD
DMX CONTROL TABLE



21-CH Basic	24-CH Standard	28-CH Extended	Function	Values			Sub-Group	
1	1	1	Pan	000	-	255	0% to 100%	Pan
2	2	2	Pan fine	000	-	255	0% to 100%	
3	3	3	Tilt	000	-	255	0% to 100%	Tilt
4	4	4	Tilt fine	000	-	255	0% to 100%	
5	5	5	Dimmer	000	-	255	0% to 100%	Dimmer
	6	6	Dimmer fine	000	-	255	0% to 100%	
6	7	7	Strobe	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		
7	8	8	Cyan	000	-	255	0% to 100%	Cyan
		9	Cyan fine	000	-	255	0% to 100%	
8	9	10	Magenta	000	-	255	0% to 100%	Magenta
		11	Magenta fine	000	-	255	0% to 100%	
9	10	12	Yellow	000	-	255	0% to 100%	Yellow
		13	Yellow fine	000	-	255	0% to 100%	
10	11	14	Colour Wheel	000	-	000	Colour off (open)	Colour Wheel
				001	-	020	Open -> Deep Red	
				021	-	021	Deep Red	
				022	-	041	Deep Red -> Medium Blue	
				042	-	042	Medium Blue	

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10	11	14	Colour Wheel	043 - 062	Medium Blue -> Deep Green	Colour Wheel
				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	Colour Wheel rotation fast -> slow, fwd	
				224 - 224	Colour Wheel rotation stop	
225 - 255	Colour Wheel rotation slow -> fast, bwd					
11	12	15	Gobo Wheel 1	000 - 005	Open	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)					

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11	12	15	Gobo Wheel 1	172 - 174	Gobo Shake 5 (slow -> fast)	Gobo
				175 - 177	Gobo Shake 6 (slow -> fast)	
				178 - 180	Gobo Shake 7 (slow -> fast)	
				181 - 183	Gobo Shake 8 (slow -> fast)	
				184 - 191	Open	
				192 - 223	Gobo Wheel rotation fast -> slow, fwd	
				224 - 224	Gobo Wheel rotation Stop	
				225 - 255	Gobo Wheel rotation slow -> fast, bwd	
12	13	16	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 ->, bwb	
	14	17	Gobo Wheel 1 Gobo Rotation fine	000 - 255	Gobo indexing fine	
13	15	18	Gobo Wheel 2	000 - 005	Open	
				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	
127 - 127	Gobo 10					
128 - 139	Gobo 10 -> Gobo 11					
				140 - 140	Gobo 11	

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13	15	18	Gobo Wheel 2	141	-	152	Gobo 11 -> Open	Gobo
				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	-	191	Open	
				192	-	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
		20	Zoom fine	000	-	255	Narrow to wide	
15	17	21	Focus	000	-	255	0% to 100%	Focus
	18	22	Focus fine	000	-	255	0% to 100%	
16	19	23	Iris	000	-	191	Open -> Close	Iris
				192	-	200	Pulse, slow -> fast (with Dim)	
				201	-	209	Pulse, slow -> fast (without Dim)	
				210	-	218	Pulse 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)	
17	20	24	Prism Selection	000	-	005	Prism Off	Prism
				006	-	091	Prism 1	
				092	-	175	Prism 2	
				176	-	255	Prism 1 & 2	

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18	21	25	Prism 1	000 - 128	Prism position 0° ... 540°	Prism	
				129 - 191	Prism rotation, fast -> slow, fwd		
				192 - 192	Prism rotation Stop		
				193 - 255	Prism rotation, slow -> fast, bwd		
19	22	26	Prism 2	000 - 128	Prism position 0° ... 540°		
				129 - 191	Prism rotation, fast -> slow, fwd		
				192 - 192	Prism rotation Stop		
				193 - 255	Prism rotation, slow -> fast, bwd		
20	23	27	Frost	000 - 255	0% to 100%		Frost
21	24	28	Device settings (please read remark 1*)	000 - 005	No function		Device Settings
				006 - 007	Blackout while P/T moving on (hold 3s)		
				008 - 009	Blackout while P/T moving off (hold 3s)		
				010 - 011	Blackout while wheels moving on (hold 3s)		
				012 - 013	Blackout while wheels moving off (hold 3s)		
				014 - 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 5s)		
				050 - 051	Pan Angle 540° (hold 3s)		
				052 - 053	Pan Angle 630° (hold 3s)		
				054 - 073	No function		
				074 - 075	Dimmer Response LED (hold 3s)		
				076 - 077	Dimmer Response Halogen (hold 3s)		
				078 - 093	No function		
				094 - 095	Silent movement (slow) on (hold 3s)		
				096 - 097	Silent movement (slow) off (hold 5s)		
				098 - 099	Auto Fan (hold 3s)		
				100 - 101	Fan Off (hold 3s)		
102 - 103	Fan Constant Low (hold 3s)						
104 - 105	Fan Constant Mid (hold 3s)						
106 - 107	Fan Constant High (hold 3s)						
108 - 119	No function						
120 - 121	PWM 1 (650 Hz) (hold 3s)						

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21	24	28	Device settings (please read remark 1*)	122 - 123	PWM 2 (1530 Hz) (hold 3s)	Device Settings
				124 - 125	PWM 3 (3600 Hz) (hold 3s)	
				126 - 127	PWM 4 (12000 Hz) (hold 3s)	
				128 - 129	PWM 5 (18900 Hz) (hold 3s)	
				130 - 131	PWM 6 (25000 Hz) (hold 3s)	
				132 - 139	No function	
				140 - 141	Display always On (hold 3s)	
				142 - 143	Display off after 20s (hold 3s)	
				144 - 147	No function	
				148 - 149	Colour Wheel snap (hold 3s)	
				150 - 151	Colour Wheel scroll (hold 3s)	
				152 - 153	Gobo Wheels snap (hold 3s)	
				154 - 155	Gobo Wheels scroll (hold 3s)	
				156 - 163	No function	
				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	Colourwheel Pos shortest way (hold 3s)	
				212 - 213	Colourwheel Pos Clockwise (hold 3s)	
				214 - 215	Gobowheel Pos shortest way (hold 3s)	
				216 - 217	Gobowheel Pos Clockwise (hold 3s)	
				218 - 221	No function	
				222 - 223	Reset Pan / Tilt (hold 3s)	
				224 - 233	No function	
				234 - 235	Reset Head complete (hold 3s)	
				236 - 237	Reset all functions (hold 3s)	
238 - 241	No function					
242 - 243	Load Factory Default (except DMX Address & Mode) (hold 3s)					
244 - 245	Load User Default A (except DMX Address & Mode) (hold 3s)					
246 - 247	Load User Default B (except DMX Address & Mode) (hold 3s)					
21	24	28	Device settings (please read remark 1*)	248 - 249	Load User Default C (except DMX Address & Mode) (hold 3s)	Device Settings
				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.