

ADJ PROTÉGÉ XS - DMX TRAITS

MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
1	1	1		Pan
			000 - 255	Pan Movement (540/630)
	2	2		Pan Fine
			000 - 255	Pan fine movement
2	3	3		Tilt
			000 - 255	Tilt Movement (270)
	4	4		Tilt Fine
			000 - 255	Tilt fine movement
3	5	5		Continuous Pan
			000 - 127	No function
			128 - 190	Clockwise Rotation, slow to fast
			191 - 192	Stop
			193 - 255	Counter-clockwise Rotation, fast to slow
4	6	6		Color Wheel 1
			000 - 005	Open
			006 - 011	Open / Red
			012 - 017	Red
			018 - 023	Red / Blue
			024 - 029	Blue
			030 - 035	Blue / Green
			036 - 041	Green
			042 - 047	Green / Orange
			048 - 053	Orange
			054 - 059	Orange / Quad Color 1
			060 - 065	Quad Color 1
			066 - 071	Quad Color 1 / Yellow
			072 - 077	Yellow
			078 - 083	Yellow / High CRI
			084 - 089	High CRI
			090 - 095	High CRI / Congo Blue
			096 - 101	Congo Blue
			102 - 107	Congo Blue / Open
108 - 178	Clockwise Color Wheel Rotation, fast to slow			
179 - 184	No Rotation			
185 - 255	Counter Clockwise Color Wheel Rotation, slow to fast			
5	7	7		Color Wheel 2
			000 - 005	Open
			006 - 011	Open / Dark Red
			012 - 017	Dark Red
			018 - 023	Dark Red / Light Turquoise
			024 - 029	Light Turquoise

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
5	7	7		Color Wheel 2 (continued)
			030 - 035	Light Turquoise / UV
			036 - 041	UV
			042 - 047	UV / Pink
			048 - 053	Pink
			054 - 059	Pink / Quad Color 2
			060 - 065	Quad Color 2
			066 - 071	Quad Color 2 / Lavender
			072 - 077	Lavender
			078 - 083	Lavender / CTO 3200K
			084 - 089	CTO 3200K
			090 - 095	CTO 3200K / CTC
			096 - 101	CTC
			102 - 107	CTC / Open
			108 - 178	Clockwise Color Wheel Rotation, fast to slow
			179 - 184	No Rotation
			185 - 255	Counter Clockwise Color Wheel Rotation, slow to fast
	8	8		Color Macros
			000 - 031	Off
			032 - 039	Macro 1
			040 - 047	Macro 2
			048 - 055	Macro 3
			056 - 063	Macro 4
			064 - 071	Macro 5
			072 - 079	Macro 6
			080 - 087	Macro 7
			088 - 095	Macro 8
			096 - 103	Macro 9
			104 - 111	Macro 10
			112 - 119	Macro 11
			120 - 127	Macro 12
			128 - 135	Macro 13
			136 - 143	Macro 14
			144 - 151	Macro 15
			152 - 159	Macro 16
			160 - 167	Macro 17
			168 - 175	Macro 18
			176 - 183	Macro 19
			184 - 191	Macro 20
192 - 199	Macro 21			
200 - 207	Macro 22			

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
				Color Macros (continued)
			208 - 215	Macro 23
			216 - 223	Macro 24
			224 - 231	Macro 25
			232 - 239	Macro 26
			240 - 247	Macro 27
			248 - 255	Macro 28
				Rotating Gobos
			000 - 009	Open
			010 - 019	Gobo 1
			020 - 029	Gobo 2
			030 - 039	Gobo 3
			040 - 049	Gobo 4
			050 - 059	Gobo 5
			060 - 069	Gobo 6
			070 - 079	Gobo 7
			080 - 094	Gobo 1 Shake, slow to fast
			095 - 109	Gobo 2 Shake, slow to fast
			110 - 124	Gobo 3 Shake, slow to fast
			125 - 139	Gobo 4 Shake, slow to fast
			140 - 154	Gobo 5 Shake, slow to fast
			155 - 169	Gobo 6 Shake, slow to fast
			170 - 189	Gobo 7 Shake, slow to fast
			190 - 221	Clockwise Gobo Wheel Rotation, fast to slow
			222 - 223	Stop
			224 - 255	Counter Clockwise Gobo Wheel Rotation, slow to fast
				Rotating Gobo Rotation
			000 - 127	Gobo Indexing
			128 - 189	Clockwise Gobo Rotation, fast to slow
			190 - 193	No Rotation
			194 - 255	Counter Clockwise Gobo Rotation, slow to fast
				Rotating Gobo Rotation Fine
			000 - 255	Fine Rotating Gobo Rotation

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
8	12	12		Static Gobos
			000 - 005	Open
			006 - 013	Gobo 1
			014 - 021	Gobo 2
			022 - 029	Gobo 3
			030 - 037	Gobo 4
			038 - 045	Gobo 5
			046 - 053	Gobo 6
			054 - 061	Gobo 7
			062 - 069	Gobo 8
			070 - 077	Gobo 9
			078 - 085	Gobo 10
			086 - 093	Gobo 11
			094 - 101	Gobo 1 Shake, slow to fast
			102 - 109	Gobo 2 Shake, slow to fast
			110 - 117	Gobo 3 Shake, slow to fast
			118 - 125	Gobo 4 Shake, slow to fast
			126 - 133	Gobo 5 Shake, slow to fast
			134 - 141	Gobo 6 Shake, slow to fast
			142 - 149	Gobo 7 Shake, slow to fast
			150 - 157	Gobo 8 Shake, slow to fast
			158 - 165	Gobo 9 Shake, slow to fast
166 - 173	Gobo 10 Shake, slow to fast			
174 - 181	Gobo 11 Shake, slow to fast			
182 - 217	Clockwise Gobo Wheel Rotation, fast to slow			
218 - 219	No Rotation			
220 - 255	Counter Clockwise Gobo Wheel Rotation, slow to fast			
9	13	13		Shutter
			000 - 031	Shutter closed
			032 - 063	Shutter open
			064 - 095	Strobe, slow to fast
			096 - 127	Shutter open
			128 - 159	Pulse Effect, slow to fast
			160 - 191	Shutter open
			192 - 223	Random Strobe, slow to fast
224 - 255	Shutter open			
10	14	14		Dimmer
			000 - 255	Intensity, 0% to 100%
		15		Dimmer Fine
			000 - 255	Dimmer Intensity Fine

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
11	15	16		Prism 1
			000 - 031	No effect
			032 - 255	Prism 1
12	16	17		Prism 2
			000 - 031	No effect
			032 - 255	Prism 2
13	17	18		Prism Rotation and Index
			000 - 127	Prism Indexing
			128 - 189	Clockwise Rotation, fast to slow
			190 - 193	No Rotation
			194 - 255	Counter Clockwise Rotation, slow to fast
		19		Prism Index Fine
			000 - 255	Fine 16-bit index
14	18	20		Prism/Gobo Macros
			000 - 009	No Prism - Open
			010 - 019	Macro 1
			020 - 029	Macro 2
			030 - 039	Macro 3
			040 - 049	Macro 4
			050 - 059	Macro 5
			060 - 069	Macro 6
			070 - 079	Macro 7
			080 - 089	Macro 8
			090 - 099	Macro 9
			100 - 109	Macro 10
			110 - 119	Macro 11
			120 - 129	Macro 12
			130 - 139	Macro 13
			140 - 149	Macro 14
			150 - 159	Macro 15
			160 - 169	Macro 16
			170 - 179	Macro 17
			180 - 189	Macro 18
			190 - 199	Macro 19
			200 - 209	Macro 20
			210 - 219	Macro 21
			220 - 229	Macro 22
230 - 239	Macro 23			
240 - 255	Macro 24			
15	19	21		Focus
			000 - 255	0% to 100%

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
		22	000 - 255	Focus Fine 0% to 100%
16	20	23	000 - 255	Zoom Narrow to wide
		24	000 - 255	Zoom Fine Narrow to wide, 16 bit
17	21	25	000 - 255	Frost 0% to 100%
18	22	26	000 - 019	Animation No function
			020 - 127	Enter in proportion
			128 - 170	All on - All in - All out, fast to slow
			171 - 213	Half open - Full access - Half open, fast to slow
			214 - 255	Half open - All out - Half open, fast to slow
19	23	27	000	Animation Rotation No function
			001 - 127	Clockwise, fast to slow
			128	Stop
			129 - 255	Counter Clockwise, slow to fast
20	24	28	000 - 020	Dimmer Mode Default to unit setting
			021 - 040	Standard
			041 - 060	Stage
			061 - 080	TV
			081 - 100	Architectural
			101 - 120	Theater
			121 - 140	Stage 2
			141 - 160	Dim Speed, fast to slow (0.1s - 10s)
			161 - 255	Default to unit setting
	25	29	000 - 020	Dim Curves No Function
			021 - 040	Linear
			041 - 060	Square
			061 - 080	Inv. Square
			081 - 100	S Curve
			101 - 255	No Function
21	26	30	000 - 225	Pan/Tilt Speed Pan/tilt, fast to slow
			226 - 235	Blackout by movement
			236 - 245	Blackout by all wheel changing
			246 - 255	No function

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22ch	27ch	31ch		
22	27	31		Special Functions
			000 - 029	No function
			030 - 039	Fan Control - Mute (hold 3s)
			040 - 049	Fan Control - Low (hold 3s)
			050 - 059	Fan Control - High (hold 3s)
			060 - 069	Fan Control - Auto (hold 3s)
			070 - 074	All Motor Reset
			075 - 079	Pan/Tilt Reset
			080 - 089	No Function
			090 - 094	Effect Reset 1 (Color, Gobo, Animation)
			095 - 099	Effect Reset 2 (Prism, Frost, Focus, Zoom)
			100 - 142	No Function
			143 - 144	Pan/Tilt Speed Standard (hold 3s)
			145 - 146	Pan/Tilt Speed Fast (hold 3s)
			147 - 148	No Function
			149 - 150	Aria On (hold 3s)
			151 - 152	Aria Off (hold 3s)
			153 - 154	Hibernation Enable (hold 3s)
			155 - 156	Hibernation Off (hold 3s)
			157 - 158	Display Backlight On (hold 3s)
			159 - 160	Display Backlight Off (hold 3s)
			161 - 164	No Function
			165 - 166	Invert Pan On (hold 3s)
			167 - 168	Invert Pan Off (hold 3s)
			169 - 170	Invert Tilt On (hold 3s)
			171 - 172	Invert Tilt Off (hold 3s)
				LED Refresh Rate (Hz)
			173	900
			174	910
			175	920
			176	930
			177	940
178	950			
179	960			
180	970			
181	980			
182	990			
183	1000			
184	1010			
185	1020			
186	1030			

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
22	27	31		LED Refresh Rate (Hz) (continued)
			187	1040
			188	1050
			189	1060
			190	1070
			191	1080
			192	1090
			193	1100
			194	1110
			195	1120
			196	1130
			197	1140
			198	1150
			199	1160
			200	1170
			201	1180
			202	1190
			203	1200
			204	1210
			205	1220
			206	1230
			207	1240
			208	1250
			209	1260
			210	1270
			211	1280
			212	1290
			213	1300
			214	1310
			215	1320
			216	1330
			217	1340
218	1350			
219	1360			
220	1370			
221	1380			
222	1390			
223	1400			
224	1410			
225	1420			
226	1430			
227	1440			
228	1450			

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MODE / CHANNELS			VALUES	FUNCTION
22ch	27ch	31ch		
22	27	31		LED Refresh Rate (Hz) (continued)
			229	1460
			230	1470
			231	1480
			232	1490
			233	1500
			234	2500
			235	4000
			236	5000
			237	6000
			238	10,000
			239	15,000
			240	20,000
			241	25,000
				Internal Programs
			242	Internal Program 1
			243	Internal Program 2
			244	Internal Program 3
			245	Internal Program 4
			246	Internal Program 5
			247	Internal Program 6
			248	Internal Program 7
			249	Internal Programs Off
				CT Mode
			250 - 252	Enable
			253 - 255	Disable