

ADJ FOCUS PROFILE - DMX TRAITS

CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
1	1	1	000 - 255	<i>Pan Movement</i> , 630/540
	2	2	000 - 255	<i>Pan Fine</i>
2	3	3	000 - 255	<i>Tilt Movement</i>
	4	4	000 - 255	<i>Tilt Fine</i>
3	5	5	000 - 255	<i>Cyan</i>
		6	000 - 255	<i>Cyan Fine</i>
4	6	7	000 - 255	<i>Magenta</i>
		8	000 - 255	<i>Magenta Fine</i>
5	7	9	000 - 255	<i>Yellow</i>
		10	000 - 255	<i>Yellow Fine</i>
6	8	11	000 - 255	<i>CTO</i>
		12	000 - 255	<i>CTO Fine</i>
7	9	13		<i>White Color Temperature Presets</i>
			000 - 023	Open
			024 - 069	See <i>White Color Temperature Presets</i> section
			070 - 255	6700K
8	10	14		<i>Color Wheel</i>
			000 - 005	Color off (open)
			006 - 011	Red
			012 - 017	Blue
			018 - 023	Green
			024 - 029	Yellow
			030 - 035	CRI
			035 - 041	CTB
			042 - 047	Color off (open)
			048 - 059	Open - Red
			060	Red
			061 - 070	Red - Blue
			071	Blue
			072 - 081	Blue - Green

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
8	10	14		<i>Color Wheel</i> (continued)
			082	Green
			083 - 092	Green - Yellow
			093	Yellow
			094 - 104	Yellow - CRI
			105	CRI
			106 - 116	CRI - CTB
			117	CTB
			118 - 126	CTB - Open
			127	Color off (open)
			128 - 190	Clockwise color wheel rotation, fast to slow
			191 - 192	Stop color wheel rotation
			193 - 255	Counter-clockwise color wheel rotation, slow to fast
			9	11
000 - 006	Open			
007 - 013	Gobo 1			
014 - 020	Gobo 2			
021 - 027	Gobo 3			
028 - 034	Gobo 4			
035 - 041	Gobo 5			
042 - 048	Gobo 6			
049 - 055	Gobo 7			
056 - 062	Gobo 1 shake, slow to fast			
063 - 069	Gobo 2 shake, slow to fast			
070 - 076	Gobo 3 shake, slow to fast			
077 - 083	Gobo 4 shake, slow to fast			
084 - 090	Gobo 5 shake, slow to fast			
091 - 097	Gobo 6 shake, slow to fast			
098 - 104	Gobo 7 shake, slow to fast			

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
9	11	15		Rotating Gobos , continuous rotation (continued)
			105 - 178	Clockwise gobo wheel rotation, fast to slow
			179 - 181	Stop gobo wheel rotation
			182 - 255	Counter-clockwise gobo wheel rotation, slow to fast
10	12	16		Gobo Rotation
			000 - 127	Gobo Rotation Indexing
			128 - 190	Clockwise Gobo Rotation, fast to slow
			191 - 192	Stop Gobo Rotation
			193 - 255	Counter-clockwise Gobo Rotation, slow to fast
		17	000 - 255	Gobo Rotation Indexing, Fine
11	13	18		Fixed Gobos , continuous rotation
			000 - 006	Open
			007 - 013	Gobo 1
			014 - 020	Gobo 2
			021 - 027	Gobo 3
			028 - 034	Gobo 4
			035 - 041	Gobo 5
			042 - 048	Gobo 6
			049 - 055	Gobo 7
			056 - 062	Gobo 8
			063 - 069	Gobo 1 shake, slow to fast
			070 - 076	Gobo 2 shake, slow to fast
			077 - 083	Gobo 3 shake, slow to fast
			084 - 090	Gobo 4 shake, slow to fast
			091 - 097	Gobo 5 shake, slow to fast
			098 - 104	Gobo 6 shake, slow to fast
			105 - 111	Gobo 7 shake, slow to fast
			112 - 118	Gobo 8 shake, slow to fast
			119 - 185	Clockwise fixed gobo wheel rotation, fast to slow
			186 - 188	Stop fixed gobo wheel rotation
189 - 255	Counter-clockwise fixed gobo wheel rotation, slow to fast			
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ADJ FOCUS PROFILE - DMX TRAITS

CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
12	14	19		Shutter, Strobe
			000 - 031	No function (shutter closed)
			032 - 063	No action, shutter open
			064 - 095	Strobe, slow to fast
			096 - 127	No action, shutter open
			128 - 159	Pulse effect, slow to fast
			160 - 191	No action, shutter open
			192 - 223	Random strobe, slow to fast
			224 - 255	No action, shutter open
13	15	20	000 - 255	Dimmer Intensity, 0% to 100%
	16	21	000 - 255	Dimmer Fine, 0% to 100%
14	17	22		Prism 1
			000 - 031	No effect
			032 - 255	Prism 1 (3 facet)
15	18	23		Prism 1 Rotation
			000 - 127	Prism 1 indexing
			128 - 189	Clockwise rotation, fast to slow
			190 - 193	No rotation
			194 - 255	Counter-clockwise rotation, slow to fast
		24	000 - 255	Prism 1 Index Fine
16	19	25		Prism 2
			000 - 031	No effect
			032 - 255	Prism 2 (4-facet)
17	20	26		Prism 2 Rotation
			000 - 127	Prism 2 indexing
			128 - 189	Clockwise rotation, fast to slow
			190 - 193	No rotation
			194 - 255	Counter-clockwise rotation, slow to fast
		27	000 - 255	Prism 2 Index Fine
18	21	28	000 - 255	Focus, continuous adjustment, far to near
		29	000 - 255	Focus Fine

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
19	22	30	000 - 255	Zoom , minimum to maximum beam angle
		31	000 - 255	Zoom Fine
20	23	32		Iris
			000 - 191	Diameter, maximum to minimum
			192 - 223	Pulse opening, fast to slow
			224 - 255	Pulse closing, slow to fast
		33	000 - 255	Iris Fine
21	24	34	000 - 255	Frost , open to full frost
22	25	35		Animation Indexing and Rotation
			000 - 005	Open
			006 - 127	Animation indexing
			128 - 189	Clockwise animation rotation, fast to slow
			190 - 193	No rotation
			194 - 255	Counter-clockwise animation rotation, slow to fast
23	26	36	000 - 255	Blade 1A , 0% to 100%
24	27	37	000 - 255	Blade 1B , 0% to 100%
25	28	38	000 - 255	Blade 2A , 0% to 100%
26	29	39	000 - 255	Blade 2B , 0% to 100%
27	30	40	000 - 255	Blade 3A , 0% to 100%
28	31	41	000 - 255	Blade 3B , 0% to 100%
29	32	42	000 - 255	Blade 4A , 0% to 100%
30	33	43	000 - 255	Blade 4B , 0% to 100%
31	34	44		Frame Rotation
			000 - 126	Minimum (-60 degrees)
			127 - 128	Parallel (0 degrees)
			129 - 255	Maximum (+60 degrees)
		45	000 - 255	Frame Rotation Fine
32	35	46	000 - 255	Frame Speed , maximum to minimum

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
33	36	47		Frame Macros (see Frame Macros Chart for details)
			000 - 007	Off
			008 - 015	Macro1
			016 - 023	Macro2
			024 - 031	Macro3
			032 - 039	Macro4
			040 - 047	Macro5
			048 - 055	Macro6
			056 - 063	Macro7
			064 - 071	Macro8
			072 - 079	Macro9
			080 - 087	Macro10
			088 - 095	Macro11
			096 - 103	Macro12
			104 - 111	Macro13
			112 - 119	Macro14
			120 - 127	Macro15
			128 - 135	Macro16
			136 - 143	Macro17
			144 - 151	Macro18
			152 - 159	Macro19
			160 - 167	Macro20
			168 - 175	Macro21
			176 - 183	Macro22
			184 - 191	Macro23
			192 - 199	Macro24
			200 - 207	Macro25
			208 - 215	Macro26
			216 - 223	Macro27
224 - 231	Macro28			
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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
33	36	47		Frame Macros (continued, see Frame Macros Chart for details)
			232 - 239	Macro29
			240 - 247	Macro30
			248 - 255	Macro31
34	37	48		Dim Modes
			000 - 020	Default to Unit Setting
			021 - 040	Standard
			041 - 060	Stage
			061 - 080	TV
			081 - 100	Architectural
			101 - 120	Theatre
			121 - 140	Stage 2
				Dim Speed
			141	0.1 s
			142	0.2 s
			143	0.3 s
			144	0.4 s
			145	0.5 s
			146	0.6 s
			147	0.7 s
			148	0.8 s
			149	0.9 s
			150	1.0 s
			151	1.5 s
			152	2.0 s
153	3.0 s			
154	4.0 s			
155	5.0 s			
156	6.0 s			
157	7.0 s			

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
34	37	48		<i>Dim Modes</i> (continued)
			158	8.0 s
			159	9.0 s
			160	10 s
			161 - 255	Default to Unit Setting
	38	49		<i>Dim Curves</i>
			000 - 020	Square
			021 - 040	Linear
			041 - 060	Inv. Squa
			061 - 080	S. Curve
			081 - 255	No Function
35	39	50	000 - 255	<i>Pan/Tilt Speed</i> , maximum to minimum speed
36	40	51		<i>Special Functions, Reset, & Internal Programs</i>
			000 - 005	No function
			006 - 010	Normal operation, default refresh rate = 15 kHz
			011	900 Hz
			012	910 Hz
			013	920 Hz
			014	930 Hz
			015	940 Hz
			016	950 Hz
			017	960 Hz
			018	970 Hz
			019	980 Hz
			020	990 Hz
			021	1000 Hz
			022	1010 Hz
			023	1020 Hz
			024	1030 Hz
			025	1040 Hz

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
36	40	51		<i>Special Functions, Reset, & Internal Programs (cont'd)</i>
			026	1050 Hz
			027	1060 Hz
			028	1070 Hz
			029	1080 Hz
			030	1090 Hz
			031	1100 Hz
			032	1110 Hz
			033	1120 Hz
			034	1130 Hz
			035	1140 Hz
			036	1150 Hz
			037	1160 Hz
			038	1170 Hz
			039	1180 Hz
			040	1190 Hz
			041	1210 Hz
			042	1220 Hz
			043	1230 Hz
			044	1240 Hz
			045	1250 Hz
			046	1260 Hz
			047	1270 Hz
			048	1280 Hz
			049	1290 Hz
			050	1300 Hz
			051	1310 Hz
			052	1320 Hz
053	1330 Hz			
054	1340 Hz			

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
36	40	51		<i>Special Functions, Reset, & Internal Programs (cont'd)</i>
			055	1350 Hz
			056	1360 Hz
			057	1370 Hz
			058	1380 Hz
			059	1390 Hz
			060	1400 Hz
			061	1410 Hz
			062	1420 Hz
			063	1430 Hz
			064	1440 Hz
			065	1450 Hz
			066	1460 Hz
			067	1470 Hz
			068	1480 Hz
			069	1490 Hz
			070	1500 Hz
			071	2500 Hz
			072	4000 Hz
			073	5000 Hz
			074	6000 Hz
			075	10,000 Hz
			076	15,000 Hz
			077	20,000 Hz
			078	25,000 Hz
			079	Disable LED Refresh Rate
			080 - 085	Enable blackout while pan/tilt moving
			086 - 091	Disable blackout while pan/tilt moving
			092 - 097	Enable blackout while color changing
			098 - 103	Disable blackout while color changing

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CHANNEL			VALUES	FUNCTION
36-CH	40-CH	51-CH		
36	40	51		<i>Special Functions, Reset, & Internal Programs (cont'd)</i>
			104 - 109	Enable blackout while gobo changing
			110 - 115	Disable blackout while gobo changing
			116 - 121	All motors reset
			122 - 127	Pan/tilt reset
			128 - 133	Effect reset
			134 - 139	Color reset
			140 - 145	Gobo reset
			146 - 151	Focus and zoom reset
			152 - 157	Other motors reset
			158 - 163	Fan mode low
			164 - 169	Fan mode high
			170 - 175	Fan mode auto
			176 - 179	Idle
			180 - 189	Internal program 1 (scenes 1-8)
			190 - 199	Internal program 2 (scenes 9-16)
			200 - 209	Internal program 3 (scenes 17-24)
			210 - 219	Internal program 4 (scenes 25-32)
			220 - 229	Internal program 5 (scenes 33-40)
			230 - 239	Internal program 6 (scenes 41-48)
240 - 249	Internal program 7 (scenes 49-56)			
	250 - 252	Enable CT mode		
	253 - 255	Disable CT mode		