

ADJ FOCUS FLEX L19 - DMX TRAITS

CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std CMY	Ext CMY		
1	1	1	1	1	1	000 - 255	Pan Movement , 540/630 degrees
	2	2	2	2	2	000 - 255	Pan Fine
2	3	3	3	3	3	000 - 255	Tilt Movement , 270 degrees
	4	4	4	4	4	000 - 255	Tilt Fine
3	5					000 - 255	Red , 0% to 100%
4	6					000 - 255	Green , 0% to 100%
5	7					000 - 255	Blue , 0% to 100%
6	8					000 - 255	Lime , 0% to 100%
		5	5			000 - 255	Red 1 , 0% to 100%
		6	6			000 - 255	Green 1 , 0% to 100%
		7	7			000 - 255	Blue 1 , 0% to 100%
		8	8			000 - 255	Lime 1 , 0% to 100%
		9	9			000 - 255	Red 2 , 0% to 100%
		10	10			000 - 255	Green 2 , 0% to 100%
		11	11			000 - 255	Blue 2 , 0% to 100%
		12	12			000 - 255	Lime 2 , 0% to 100%
		13	13			000 - 255	Red 3 , 0% to 100%
		14	14			000 - 255	Green 3 , 0% to 100%
		15	15			000 - 255	Blue 3 , 0% to 100%
		16	16			000 - 255	Lime 3 , 0% to 100%
			17			000 - 255	Red 4 , 0% to 100%
			18			000 - 255	Green 4 , 0% to 100%
			19			000 - 255	Blue 4 , 0% to 100%
			20			000 - 255	Lime 4 , 0% to 100%
			21			000 - 255	Red 5 , 0% to 100%
			22			000 - 255	Green 5 , 0% to 100%
			23			000 - 255	Blue 5 , 0% to 100%
			24			000 - 255	Lime 5 , 0% to 100%
			25			000 - 255	Red 6 , 0% to 100%
			26			000 - 255	Green 6 , 0% to 100%
			27			000 - 255	Blue 6 , 0% to 100%
			28			000 - 255	Lime 6 , 0% to 100%
			29			000 - 255	Red 7 , 0% to 100%
			30			000 - 255	Green 7 , 0% to 100%
			31			000 - 255	Blue 7 , 0% to 100%
			32			000 - 255	Lime 7 , 0% to 100%
			33			000 - 255	Red 8 , 0% to 100%
			34			000 - 255	Green 8 , 0% to 100%
			35			000 - 255	Blue 8 , 0% to 100%
			36			000 - 255	Lime 8 , 0% to 100%
			37			000 - 255	Red 9 , 0% to 100%
			38			000 - 255	Green 9 , 0% to 100%

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
			39			000 - 255	Blue 9 , 0% to 100%
			40			000 - 255	Lime 9 , 0% to 100%
			41			000 - 255	Red 10 , 0% to 100%
			42			000 - 255	Green 10 , 0% to 100%
			43			000 - 255	Blue 10 , 0% to 100%
			44			000 - 255	Lime 10 , 0% to 100%
			45			000 - 255	Red 11 , 0% to 100%
			46			000 - 255	Green 11 , 0% to 100%
			47			000 - 255	Blue 11 , 0% to 100%
			48			000 - 255	Lime 11 , 0% to 100%
			49			000 - 255	Red 12 , 0% to 100%
			50			000 - 255	Green 12 , 0% to 100%
			51			000 - 255	Blue 12 , 0% to 100%
			52			000 - 255	Lime 12 , 0% to 100%
			53			000 - 255	Red 13 , 0% to 100%
			54			000 - 255	Green 13 , 0% to 100%
			55			000 - 255	Blue 13 , 0% to 100%
			56			000 - 255	Lime 13 , 0% to 100%
			57			000 - 255	Red 14 , 0% to 100%
			58			000 - 255	Green 14 , 0% to 100%
			59			000 - 255	Blue 14 , 0% to 100%
			60			000 - 255	Lime 14 , 0% to 100%
			61			000 - 255	Red 15 , 0% to 100%
			62			000 - 255	Green 15 , 0% to 100%
			63			000 - 255	Blue 15 , 0% to 100%
			64			000 - 255	Lime 15 , 0% to 100%
			65			000 - 255	Red 16 , 0% to 100%
			66			000 - 255	Green 16 , 0% to 100%
			67			000 - 255	Blue 16 , 0% to 100%
			68			000 - 255	Lime 16 , 0% to 100%
			69			000 - 255	Red 17 , 0% to 100%
			70			000 - 255	Green 17 , 0% to 100%
			71			000 - 255	Blue 17 , 0% to 100%
			72			000 - 255	Lime 17 , 0% to 100%
			73			000 - 255	Red 18 , 0% to 100%
			74			000 - 255	Green 18 , 0% to 100%
			75			000 - 255	Blue 18 , 0% to 100%
			76			000 - 255	Lime 18 , 0% to 100%
			77			000 - 255	Red 19 , 0% to 100%
			78			000 - 255	Green 19 , 0% to 100%
			79			000 - 255	Blue 19 , 0% to 100%
			80			000 - 255	Lime 19 , 0% to 100%

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
				5	5	000 - 255	Cyan , 0% to 100%
					6	000 - 255	Cyan Fine , 0% to 100%
				6	7	000 - 255	Magenta , 0% to 100%
					8	000 - 255	Magenta Fine , 0% to 100%
				7	9	000 - 255	Yellow , 0% to 100%
					10	000 - 255	Yellow Fine , 0% to 100%
	9	17	81	8	11	000 - 255	Color Temperature , Linear 2700K - 10000K
7	10	18	82	9	12		Color Temperature Presets
						000	No function
						001 - 060	2700K
						061 - 179	3000K
						180 - 201	3200K
						202 - 207	4000K
						208 - 229	4500K
						230 - 234	5000K
						235 - 239	5600K
						240 - 244	6500K
						245 - 249	8000K
250 - 255	10000K						
	11	19	83	10	13		Virtual Foreground Color Wheel
						000	Open
						001 - 060	Virtual Swatch Colors (see Virtual Swatch Colors section)
						061 - 179	Open
						180 - 201	Color Scroll Clockwise, fast to slow
						202 - 207	Stop
						208 - 229	Color Scroll Counter-Clockwise, slow to fast
						230 - 234	Open
						235 - 239	Random Slots Fast
						240 - 244	Random Slots Medium
						245 - 249	Random Slot Slow
250 - 255	Open						
	12	20	84	11	14		Virtual Background Color Wheel
						000	Open
						001 - 060	Virtual Swatch Colors (see Virtual Swatch Colors section)
						061 - 179	Open
						180 - 201	Color Scroll Clockwise, fast to slow
						202 - 207	Stop
208 - 229	Color Scroll Counter-Clockwise, slow to fast						

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
							Virtual Background Color Wheel (cont'd)
						230 - 234	Open
	12	20	84	11	14	235 - 239	Random Slots Fast
						240 - 244	Random Slots Medium
						245 - 249	Random Slots Slow
						250 - 255	Open
8	13	21	85	12	15	000 - 255	Color Macros (see Color Macros section)
							Foreground Effect Macro
						000	Open
						001 - 060	Macro 1
						061 - 179	Macro 2
						180 - 201	Macro 3
9	14	22	86	13	16	202 - 207	Macro 4
						208 - 229	Macro 5
						230 - 234	Macro 6
						235 - 239	Macro 7
						240 - 244	Macro 8
						245 - 255	No function
10	15	23	87	14	17	000 - 255	Foreground Effect Macro Speed , slow to fast
11	16	24	88	15	18	000 - 255	Foreground Effect Macro Fade , min to max
							Background Effect Macro
						000	Open
						001 - 060	Macro 1
						061 - 179	Macro 2
						180 - 201	Macro 3
12	17	25	89	16	19	202 - 207	Macro 4
						208 - 229	Macro 5
						230 - 234	Macro 6
						235 - 239	Macro 7
						240 - 244	Macro 8
						245 - 255	No function
13	18	26	90	17	20	000 - 255	Background Effect Macro Speed , slow to fast
14	19	27	91	18	21	000 - 255	Background Effect Macro Fade , min to max
							Color Temperature Red to Green
		28	92	19	22	000	No function
						001 - 255	Shift CT red to green

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
15	20	29	93	20	23		Shutter
						000 - 031	Shutter closed (LEDs off)
						032 - 063	Shutter open (LEDs on)
						064 - 095	Strobe effect, slow to fast
						096 - 127	Shutter open (LEDs on)
						128 - 159	Pulse effect in sequences
						160 - 191	Shutter open (LEDs on)
						192 - 223	Random strobe effect, slow to fast
						224 - 255	Shutter open (LEDs on)
16	21	30	94	21	24	000 - 255	Dimmer , 0% to 100%
	22	31	95	22	25	000 - 255	Dimmer Fine
17	23	32	96	23	26	000 - 255	Zoom , wide to narrow
	24	33	97	24	27	000 - 255	Zoom Fine
							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
							Dimming 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						
158	8.0 s						

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
	25	34	98	25	28		<i>Dimming Speed (cont'd)</i>
						159	9.0 s
						160	10.0 s
						161 - 255	Default to unit settings
	26	35	99	26	29		<i>Dim Curves</i>
						000 - 020	Square
						021 - 040	Linear
						041 - 060	Inv. Squa.
						061 - 080	S. Curve
						081 - 255	No function
18	27	36	100	27	30		<i>Internal Programs</i>
						000 - 009	No function
						010 - 019	Program 1
						020 - 029	Program 2
						030 - 039	Program 3
						040 - 049	Program 4
						050 - 059	Program 5
						060 - 069	Program 6
						070 - 079	Program 7
						080 - 089	Program 8
						090 - 099	Program 9
						100 - 109	Program 10
						110 - 119	Program 11
						120 - 129	Program 12
						130 - 139	Program 13
						140 - 149	Program 14
						150 - 159	Program 15
						160 - 169	Program 16
						170 - 179	Program 17
						180 - 189	Program 18
						190 - 199	Program 19
						200 - 209	Program 20
						210 - 255	No function
19	28	37	101	28	31	000 - 255	<i>Program Speed</i> , slow to fast
20	29	38	102	29	32	000 - 255	<i>Program Fade</i> , min to max
21	30	39	103	30	33	000 - 255	<i>Pan/Tilt Speed</i> , max to min

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
22	31	40	104	31	34		<i>Special Function</i>
						000 - 010	Default Refresh Rate (1200 Hz)
						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
						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						

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
22	31	40	104	31	34		<i>Special Functions (cont'd)</i>
						051	1310 Hz
						052	1320 Hz
						053	1330 Hz
						054	1340 Hz
						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 KHz
						076	15 KHz
						077	20 KHz
						078	25 KHz
						079	No function
						080 - 089	Enable blackout while pan/tilt moving
090 - 099	Disable blackout while pan/tilt moving						
100 - 105	Fan Mode Low (hold 3s)						
106 - 111	Fan Mode High (hold 3s)						
112 - 117	Fan Mode Auto (hold 3s)						
118 - 122	Enable Pan Invert (hold 3s)						
123 - 127	Disable Pan Invert (hold 3s)						
128 - 132	Enable Tilt Invert (hold 3s)						
133 - 139	Disable Tilt Invert (hold 3s)						
140 - 149	Reset All						
150 - 159	Reset Pan/Tilt						
160 - 169	Reset Effect						

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CHANNEL						DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	CMY Std	CMY Ext		
22	31	40	104	31	34		<i>Special Functions (cont'd)</i>
						170 - 174	Enable Zoom Speed Fast
						175 - 179	Disable Zoom Speed Fast
						180 - 182	Enable White Calibration (hold 3s)
						183 - 185	Disable White Calibration (hold 3s)
						186 - 189	Fan Mode Mute (hold 3s)
						190 - 193	Enable Zoom Mode 2 (hold 2s)
						194 - 197	Disable Zoom Mode 2 (hold 3s)
						198 - 255	No function