

INT Table													
Value	PRM	Value	PRM	Value	PRM	Value	PRM	Value	PRM	Value	PRM	Value	PRM
0	OFF	37	1.6	74	15	111	32	148	50	185	67	222	84
1	OFF	38	1.6	75	16	112	33	149	50	186	68	223	85
2	0.1	39	1.7	76	16	113	33	150	51	187	68	224	85
3	0.1	40	1.7	77	17	114	34	151	51	188	69	225	86
4	0.1	41	1.8	78	17	115	34	152	52	189	69	226	86
5	0.1	42	1.8	79	17	116	35	153	52	190	69	227	87
6	0.2	43	1.8	80	18	117	35	154	53	191	70	228	87
7	0.2	44	1.9	81	18	118	36	155	53	192	70	229	88
8	0.3	45	1.9	82	19	119	36	156	54	193	71	230	88
9	0.3	46	2	83	19	120	37	157	54	194	71	231	89
10	0.4	47	2	84	20	121	37	158	54	195	72	232	89
11	0.4	48	3	85	20	122	38	159	55	196	72	233	90
12	0.4	49	4	86	21	123	38	160	55	197	73	234	90
13	0.5	50	4	87	21	124	39	161	56	198	73	235	91
14	0.5	51	4	88	22	125	39	162	56	199	74	236	91
15	0.6	52	5	89	22	126	39	163	57	200	74	237	92
16	0.6	53	5	90	23	127	40	164	57	201	75	238	92
17	0.7	54	6	91	23	128	40	165	58	202	75	239	92
18	0.7	55	6	92	24	129	41	166	58	203	76	240	93
19	0.8	56	7	93	24	130	41	167	59	204	76	241	93
20	0.8	57	7	94	24	131	42	168	59	205	77	242	94
21	0.9	58	8	95	25	132	42	169	60	206	77	243	94
22	0.9	59	8	96	25	133	43	170	60	207	77	244	95
23	0.9	60	9	97	26	134	43	171	61	208	78	245	95
24	1	61	9	98	26	135	44	172	61	209	78	246	96
25	1	62	9	99	27	136	44	173	62	210	79	247	96
26	1.1	63	10	100	27	137	45	174	62	211	79	248	97
27	1.1	64	10	101	28	138	45	175	62	212	80	249	97
28	1.2	65	11	102	28	139	46	176	63	213	80	250	98
29	1.2	66	11	103	29	140	46	177	63	214	81	251	98
30	1.3	67	12	104	29	141	47	178	64	215	81	252	99
31	1.3	68	12	105	30	142	47	179	64	216	82	253	99
32	1.3	69	13	106	30	143	47	180	65	217	82	254	100
33	1.4	70	13	107	31	144	48	181	65	218	83	255	100
34	1.4	71	14	108	31	145	48	182	66	219	83		
35	1.5	72	14	109	32	146	49	183	66	220	84		
36	1.5	73	15	110	32	147	49	184	67	221	84		

*Due to the Matrix's low dimming capabilities, its DMX intensity mapping is non-linear and requires a custom dimming curve. This curve should be implemented to every Mode.

CCT Mode			
DMX	Function	Value	Parameter
1	INT*	0 - 255	0 - 100%
2	CCT	0 - 255	2800 - 10000K
3	Green Adj.	0 - 1	-0.25
		2 - 118	-0.24 - -0.01
		119 - 136	0
		137 - 254	0.01 - 0.24
		255	0.25

HSI Mode			
DMX	Function	Value	Parameter
1	INT*	0 - 255	0 - 100%
2	HUE	0 - 255	0 - 360°
3	SAT	0 - 255	0 - 100

CCT+RGBW Mode			
DMX	Function	Value	Parameter
1	INT*	0 - 255	0 - 100%
2	CCT	0 - 255	2800 - 10000K
3	Green Adj.	0 - 1	-0.25
		2 - 118	-0.24 - -0.01
		119 - 136	0
		137 - 254	0.01 - 0.24
		255	0.25
4	Fade	0 - 255	0 - 100
5	Red	0 - 255	0 - 100
6	Green	0 - 255	0 - 100
7	Blue	0 - 255	0 - 100
8	White	0 - 255	0 - 100

RGBW Mode			
DMX	Function	Value	Parameter
1	INT*	0 - 255	0 - 100%
2	Red	0 - 255	0 - 100
3	Green	0 - 255	0 - 100
4	Blue	0 - 255	0 - 100
5	White	0 - 255	0 - 100

CCT+HSI Mode			
DMX	Function	Value	Parameter
1	INT*	0 - 255	0 - 100%
2	CCT	0 - 255	2800 - 10000K
3	Green Adj.	0 - 1	-0.25
		2 - 118	-0.24 - -0.01
		119 - 136	0
		137 - 254	0.01 - 0.24
		255	0.25
4	Fade	0 - 255	0 - 100
5	HUE	0 - 255	0 - 360°
6	SAT	0 - 255	0 - 100

GEL Mode			
DMX	Function	Value	Parameter
1	Gel	0 - 1	Bastard Amber
		2 - 3	Straw
		4 - 5	Light Amber
		6 - 7	Light Flame
		8 - 9	Golden Amber
		10 - 11	Light Red
		12 - 13	No Color Pink
		14 - 15	Middle Rose
		16 - 17	Light Rose Purple
		18 - 19	Surprise Pink
		20 - 21	No Color Blue
		22 - 23	Daylight Blue
		24 - 25	Primary Blue
		26 - 27	Moss Green
		28 - 29	Blue Green
2	Light Source	0 - 127	3200K
		128 - 255	6500K
3	INT*	0 - 255	0 - 100%
4	HUE	0 - 255	0 - 360°
5	SAT	0 - 255	0 - 100

* See values on INT Table.

EFFECT Mode			
DMX	Function	Value	Parameter
1	Effect Selection	0 - 9	Candle
		10 - 19	Club Light
		20 - 29	Color Chase
		30 - 39	Cop Car
		40 - 49	Fireworks
		50 - 59	Lightning
		60 - 69	Strobe
2	INT*	0 - 255	0 - 100%
3	Effect Parameter 1	0 - 255	See right table
4	Effect Parameter 2	0 - 255	See right table
5	Effect Parameter 3	0 - 255	See right table
6	Effect Parameter 4	0 - 255	See right table

The available functions and number of parameters vary by effect. The tables to the right shows effect functions/parameters and their corresponding DMX values.

Candle			
DMX	Function	Value	Parameter
3	Color	0 - 9	Warmer
		10 - 19	Neutral
		20 - 29	Cooler
4	Freq.	0 - 255	0 - 100

Color Chase			
DMX	Function	Value	Parameter
3	Sat	0 - 255	0 - 100
4	Freq.	0 - 255	0 - 100

Cop Car			
DMX	Function	Value	Parameter
3	Color	0 - 9	B
		10 - 19	R
		20 - 29	A
		30 - 39	W
		40 - 49	RB
		50 - 59	RA
		60 - 69	BA
		70 - 79	BW
		80 - 89	AW
		90 - 99	RBW
100 - 109	BRA		
4	Flash	0 - 9	Single
		10 - 19	Double
		20 - 29	Quad
		30 - 39	Quint

Club Light / Fireworks			
DMX	Function	Value	Parameter
3	Color	0 - 9	3 colors
		10 - 19	6 colors
		20 - 29	9 colors
		30 - 39	12 colors
4	Freq.	0 - 255	0 - 100

Lightning			
DMX	Function	Value	Parameter
3	Color	0 - 9	Warmer
		10 - 19	Neutral
		20 - 29	Cooler
4	Freq.	0 - 255	0 - 100
5	Trigger	0 or 255	Trigger

Strobe			
DMX	Function	Value	Parameter
3	HUE	0 - 255	0 - 360°
4	SAT	0 - 255	0 - 100
5	Freq.	0 - 255	0 - 100
6	Trigger	0 or 255	Trigger