

KOSMOS DMX MAP 8 bits (Firmware V01_06)

Mode Number	Mode Name	Channel	Function	Value	Kosmos range
1	CCT (5 channels)	1	Master intensity	0-255	0-100
		2	Kelvin	0-255	2500K to 10000K
		3	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		4	ZOOM	0-255	13°-56°
		5	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.
2	CCT & HSI (7 channels)	1	Master intensity	0-255	0-100
		2	Kelvin	0-255	2500K to 10000K
		3	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		4	Saturation	0-255	0-100
		5	Hue	0-255	0° to 359°
		6	ZOOM	0-255	13°-56°
		7	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.
3	CCT & RGB (9 channels)	1	Master intensity	0-255	0-100
		2	Kelvin	0-255	2500K to 10000K
		3	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		4	Saturation	0-255	0-100
		5	Red	0-255	0-100
		6	Green	0-255	0-100
		7	Blue	0-255	0-100
		8	ZOOM	0-255	13°-56°
		9	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.
4	RGBWW (8 channels)	1	Master intensity	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

		6	Cold White	0-255	0-100
		7	ZOOM	0-255	13°-56°
		8	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
5	GELS (7 channels)	1	Master intensity	0-255	0-100
		2	Kelvin	0-255	2500K to 10000K
		3	Saturation	0-255	0-100
		4	Gel family	0=L 1=R	See document L GEL list See document R GEL list
		5	Gel number	0-255	
		6	ZOOM	0-255	13°-56°
		7	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
6	LIGHT SOURCES (6 channels)	1	Master intensity	0-255	0-100
		2	Kelvin	0-255	2500K to 10000K
		3	Saturation	0-255	0-100
		4	Light Source number	0-255	See document Lightsources list
		5	ZOOM	0-255	13°-56°
		6	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
7	PRESETS (3 channels)	1	Master intensity	0-255	0-100
		2	Preset number	0-255	0-10
		3	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
8	EFFECTS	1	Master intensity	0-255	0-100

(14 channels)	2	Effect number	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89	Effect 1 DISCO Effect 2 FLAME Effect 3 POLICE Effect 4 PULSE Effect 5 STROBE Effect 6 TV Effect 7 PAPARAZZI Effect 8 SUNRISE Effect 9 TRANSITION	
	3	Parameter #1	0-255	0-100	
	4	Parameter #2	0-255	0-100	
	5	Parameter #3	0-255	0-100	
	6	Parameter #4	0-255	0-100	
	7	Parameter #5	0-255	0-100	
	8	Parameter #6	0-255	0-100	
	9	Parameter #7	0-255	0-100	
	10	Parameter #8	0-255	0-100	
	11	ZOOM START Position	0-255	13°-56°	
	12	ZOOM STOP Position	0-255	13°-56°	
	13	ZOOM SPEED	0-255	0-100	
	14	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.	
	9	CHANGING Mode	1	Master intensity	0-255
CCT (6 channels)	2	Mode 0-9 : CCT	0-9	CCT	
	3	Kelvin	0-255	2500K to 10000K	
	4	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G	
	5	ZOOM	0-255	13°-56°	
	6	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.	
	CHANGING Mode CCT+HSI (8 channels)	1	Master intensity	0-255	0-100
2		Mode 10-19 : CCT+HSI	10-19	CCT+HSI	
3		Kelvin	0-255	2500K to 10000K	
4		Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G	
5		Saturation	0-255	0-100	
6		Hue	0-255	0° to 359°	
7		ZOOM	0-255	13°-56°	
8		FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power.	

			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
CHANGING Mode CCT+RGB (10 channels)	1	Master intensity	0-255	0-100
	2	Mode 20-29 : CCT+RGB	20-29	CCT+RGB
	3	Kelvin	0-255	2500K to 10000K
	4	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
	5	Saturation	0-255	0-100
	6	Red	0-255	0-100
	7	Green	0-255	0-100
	8	Blue	0-255	0-100
	9	ZOOM	0-255	13°-56°
	10	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
CHANGING Mode RGBWW (9 channels)	1	Master intensity	0-255	0-100
	2	Mode 30-39 : RGBWW	30-39	RGBWW
	3	Red	0-255	0-100
	4	Green	0-255	0-100
	5	Blue	0-255	0-100
	6	White	0-255	0-100
	7	Cold White	0-255	0-100
	8	ZOOM	0-255	13°-56°
	9	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
CHANGING Mode GEL (8 channels)	1	Master intensity	0-255	0-100
	2	Mode 40-49 : GEL	40-49	GEL
	3	Kelvin	0-255	2500K to 10000K
	4	Saturation	0-255	0-100
	5	Gel family	0=L 1=R	See document L GEL list See document R GEL list
	6	Gel number	0-255	0-100
	7	ZOOM	0-255	13°-56°
	8	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
CHANGING Mode LIGHT SOURCES (7 channels)	1	Master intensity	0-255	0-100
	2	Mode 50-59 : LIGHT SOURCES	50-59	LIGHT SOURCES
	3	Kelvin	0-255	2500K to 10000K

	4	Saturation	0-255	0-100
	5	Lightsource number	0-255	See document Lightsources list
	6	ZOOM	0-255	13°-56°
	7	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
CHANGING Mode PRESETS (4 channels)	1	Master intensity	0-255	0-100
	2	Mode 60-69 : PRESETS	60-69	PRESETS
	3	Preset number	0-255	0-10
	4	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
10-19 = Dynamic			Fan speed according to LED temperature. Maximum power priority.	
20-29 = Full Speed			Fan operates at maximum power.	
>=30 = Dynamic			Fan speed according to LED temperature. Maximum power priority.	
CHANGING Mode EFFECTS (15 channels)	1	Master intensity	0-255	0-100
	2	Mode 70-79 : EFFECTS	70-79	EFFECTS
	3	Effect number	0-9	Effect 1 DISCO
			10-19	Effect 2 FLAME
			20-29	Effect 3 POLICE
			30-39	Effect 4 PULSE
			40-49	Effect 5 STROBE
			50-59	Effect 6 TV
			60-69	Effect 7 PAPARAZZI
			70-79	Effect 8 SUNRISE
			80-89	Effect 9 TRANSITION
	4	Parameter #1	0-255	0-100
	5	Parameter #2	0-255	0-100
	6	Parameter #3	0-255	0-100
	7	Parameter #4	0-255	0-100
8	Parameter #5	0-255	0-100	
9	Parameter #6	0-255	0-100	
10	Parameter #7	0-255	0-100	
11	Parameter #8	0-255	0-100	
12	ZOOM START Position	0-255	13°-56°	
13	ZOOM STOP Position	0-255	13°-56°	
14	ZOOM SPEED	0-255	0-100	
15	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.	
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
		20-29 = Full Speed	Fan operates at maximum power.	
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
10 FULL Mode	1	Master intensity	0-255	0-100

(138 channels)	2	Control selector	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-129 130-139	BASE COLOR RGBWW GELS LIGHTSOURCES PRESETS Effect 1 DISCO Effect 2 FLAME Effect 3 POLICE Effect 4 PULSE Effect 5 STROBE Effect 6 TV Effect 7 PAPARAZZI Effect 8 SUNRISE Effect 9 TRANSITION
	3	Kelvin	0-255	2500K to 10000K
	4	Green / Magenta (100M to 100G)	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
	5	Saturation	0-255	0-100
	6	Red	0-255	0-100
	7	Green	0-255	0-100
	8	Blue	0-255	0-100
	9	ZOOM	0-255	13°-56°
	10	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
	11	Red	0-255	0-100
	12	Green	0-255	0-100
	13	Blue	0-255	0-100
	14	White	0-255	0-100
	15	Cold White	0-255	0-100
	16	ZOOM	0-255	13°-56°
	17	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
	18	Kelvin	0-255	2500K to 10000K
19	Saturation	0-255	0-100	
20	Gel family	0=L 1=R	See document L GEL list See document R GEL list	
21	Gel number	0-255	0-100	
22	ZOOM	0-255	13°-56°	
23	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.	
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
		20-29 = Full Speed	Fan operates at maximum power.	
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	

	24	Kelvin	0-255	2500K to 10000K
	25	Saturation	0-255	0-100
	26	Light Source number	0-255	See document Lightsources list
	27	ZOOM	0-255	13°-56°
	28	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
	29	Preset number	0-255	0-10
	30	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
	31	DISCO Loop speed	0-255	0-100
	32	DISCO Saturation	0-255	0-100
	33	DISCO Hue 1	0-255	0° to 359°
	34	DISCO Hue 2	0-255	0° to 359°
	35	DISCO Kelvin	0-255	2500K to 10000K
	36	DISCO Smoothness	0-255	0-100
	37	DISCO Direction	0-255	0-100
38	Parameter #8	0-255	0-100	
39	ZOOM START Position	0-255	13°-56°	
40	ZOOM STOP Position	0-255	13°-56°	
41	ZOOM SPEED	0-255	0-100	
	42	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
	43	FLAME Flickr speed	0-255	0-100
	44	FLAME Saturation	0-255	0-100
	45	FLAME Hue	0-255	0° to 359°
	46	FLAME Kelvin	0-255	2500K to 10000K
	47	FLAME Smoothness	0-255	0-100
	48	Parameter #6	0-255	0-100
	49	Parameter #7	0-255	0-100
	50	Parameter #8	0-255	0-100
	51	ZOOM START Position	0-255	13°-56°
	52	ZOOM STOP Position	0-255	13°-56°
	53	ZOOM SPEED	0-255	0-100
		54	FAN	0-9 = Silence
10-19 = Dynamic				Fan speed according to LED temperature. Maximum power priority.

		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
55	POLICE Loop speed	0-255	0-100
56	POLICE Saturation	0-255	0-100
57	POLICE Hue 1	0-255	0° to 359°
58	POLICE Hue 2	0-255	0° to 359°
59	POLICE Kelvin	0-255	2500K to 10000K
60	POLICE Smoothness	0-255	0-100
61	Parameter #7	0-255	0-100
62	Parameter #8	0-255	0-100
63	ZOOM START Position	0-255	13°-56°
64	ZOOM STOP Position	0-255	13°-56°
65	ZOOM SPEED	0-255	0-100
66	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
67	PULSE Loop speed	0-255	0-100
68	PULSE Flash time	0-255	0-100
69	PULSE Fade out	0-255	0-100
70	PULSE Saturation	0-255	0-100
71	PULSE Hue	0-255	0° to 359°
72	PULSE Kelvin	0-255	2500K to 10000K
73	Parameter #7	0-255	0-100
74	Parameter #8	0-255	0-100
75	ZOOM START Position	0-255	13°-56°
76	ZOOM STOP Position	0-255	13°-56°
77	ZOOM SPEED	0-255	0-100
78	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
79	STROBE Saturation	0-255	0-100
80	STROBE Hue	0-255	0° to 359°
81	STROBE Kelvin	0-255	2500K to 10000K
82	STROBE Flash time	0-255	0-100
83	Parameter #5	0-255	0-100
84	Parameter #6	0-255	0-100
85	Parameter #7	0-255	0-100
86	Parameter #8	0-255	0-100
87	ZOOM START Position	0-255	13°-56°
88	ZOOM STOP Position	0-255	13°-56°
89	ZOOM SPEED	0-255	0-100
90	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.

		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
91	TV Loop speed	0-255	0-100
92	TV Saturation	0-255	0-100
93	TV Hue 1	0-255	0° to 359°
94	TV Hue 2	0-255	0° to 359°
95	TV Smoothness	0-255	0-100
96	TV Direction	0-255	0-100
97	Parameter #7	0-255	0-100
98	Parameter #8	0-255	0-100
99	ZOOM START Position	0-255	13°-56°
100	ZOOM STOP Position	0-255	13°-56°
101	ZOOM SPEED	0-255	0-100
102	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
103	PAPARAZZI Kelvin	0-255	2500K to 10000K
104	PAPARAZZI Flicker speed	0-255	0-100
105	PAPARAZZI Flash time	0-255	0-100
106	Parameter #4	0-255	0-100
107	Parameter #5	0-255	0-100
108	Parameter #6	0-255	0-100
109	Parameter #7	0-255	0-100
110	Parameter #8	0-255	0-100
111	ZOOM START Position	0-255	13°-56°
112	ZOOM STOP Position	0-255	13°-56°
113	ZOOM SPEED	0-255	0-100
114	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
115	SUNRISE Intensity 1	0-255	0-100
116	SUNRISE Intensity 2	0-255	0-100
117	SUNRISE Saturation 1	0-255	0-100
118	SUNRISE Saturation 2	0-255	0-100
119	SUNRISE Hue 1	0-255	0° to 359°
120	SUNRISE Hue 2	0-255	0° to 359°
121	SUNRISE Kelvin	0-255	2500K to 10000K
122	SUNRISE Time	0-255	0-100
123	ZOOM START Position	0-255	13°-56°
124	ZOOM STOP Position	0-255	13°-56°
125	ZOOM SPEED	0-255	0-100
126	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.

			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
127	TRANSITION Light intensity 1	0-255		0-100
128	TRANSITION Light intensity 2	0-255		0-100
129	TRANSITION Hue 1	0-255		0° to 359°
130	TRANSITION Hue 2	0-255		0° to 359°
131	TRANSITION Time	0-255		0-100
132	Parameter #6	0-255		0-100
133	Parameter #7	0-255		0-100
134	Parameter #8	0-255		0-100
135	ZOOM START Position	0-255		13°-56°
136	ZOOM STOP Position	0-255		13°-56°
137	ZOOM SPEED	0-255		0-100
138	FAN	0-9 = Silence		Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed	Fan operates at maximum power.
			>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.

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Mode Number	Mode Name	Channel	Function	Value	Kosmos range
1	CCT (6 channels)	1	Master intensity Course	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Kelvin	0-255	2500K to 10000K
		4	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		5	ZOOM	0-255	13°-56°
		6	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.
2	CCT & HSI (8 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Kelvin	0-255	2500K to 10000K
		4	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		5	Saturation	0-255	0-100
		6	Hue	0-255	0° to 359°
		7	ZOOM	0-255	13°-56°
		8	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed >=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power. Fan speed according to LED temperature. Maximum power priority.
3	CCT & RGB (13 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Kelvin	0-255	2500K to 10000K
		4	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		5	Saturation	0-255	0-100
		6	Red	0-255	0-65535
		7	Red Fine	0-255	0-100
		8	Green	0-255	0-65535
		9	Green Fine	0-255	0-100
		10	Blue	0-255	0-65535
		11	Blue Fine	0-255	0-100
		12	ZOOM	0-255	13°-56°
		13	FAN	0-9 = Silence 10-19 = Dynamic 20-29 = Full Speed	Fan speed according to LED temperature. Maximum power priority. Fan speed according to LED temperature. Maximum power priority. Fan operates at maximum power.

				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
4	RGBWW (14 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Red	0-255	0-65535
		4	Red Fine	0-255	0-100
		5	Green	0-255	0-65535
		6	Green Fine	0-255	0-100
		7	Blue	0-255	0-65535
		8	Blue Fine	0-255	0-100
		9	White	0-255	0-65535
		10	White Fine	0-255	0-100
		11	Cold White	0-255	0-65535
		12	Cold White Fine	0-255	0-100
		13	ZOOM	0-255	13°-56°
		14	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
5	GELS (8 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Kelvin	0-255	2500K to 10000K
		4	Saturation	0-255	0-100
		5	Gel family	0=L 1=R	See document L GEL list See document R GEL list
		6	Gel number	0-255	
		7	ZOOM	0-255	13°-56°
		8	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
6	LIGHT SOURCES (7 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Kelvin	0-255	2500K to 10000K
		4	Saturation	0-255	0-100
		5	Light Source number	0-255	See document Lightsources list
		6	ZOOM	0-255	13°-56°
		7	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
7	PRESETS (4 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Preset number	0-255	0-10

		4	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
8	EFFECTS (15 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Effect number	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89	Effect 1 DISCO Effect 2 FLAME Effect 3 POLICE Effect 4 PULSE Effect 5 STROBE Effect 6 TV Effect 7 PAPARAZZI Effect 8 SUNRISE Effect 9 TRANSITION
		4	Parameter #1	0-255	0-100
		5	Parameter #2	0-255	0-100
		6	Parameter #3	0-255	0-100
		7	Parameter #4	0-255	0-100
		8	Parameter #5	0-255	0-100
		9	Parameter #6	0-255	0-100
		10	Parameter #7	0-255	0-100
		11	Parameter #8	0-255	0-100
		12	ZOOM START Position	0-255	13°-56°
		13	ZOOM STOP Position	0-255	13°-56°
		14	ZOOM SPEED	0-255	0-100
		15	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
9	CHANGING Mode CCT (7 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Mode 0-9 : CCT	0-9	CCT
		4	Kelvin	0-255	2500K to 10000K
		5	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		6	ZOOM	0-255	13°-56°
		7	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
	CHANGING Mode CCT+HSI (9 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Mode 10-19 : CCT+HSI	10-19	CCT+HSI
		4	Kelvin	0-255	2500K to 10000K
		5	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G

			1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G
	6	Saturation	0-255 0-100
	7	Hue	0-255 0° to 359°
	8	ZOOM	0-255 13°-56°
	9	FAN	0-9 = Silence Fan speed according to LED temperature. Maximum power priority.
			10-19 = Dynamic Fan speed according to LED temperature. Maximum power priority.
			20-29 = Full Speed Fan operates at maximum power.
			>=30 = Dynamic Fan speed according to LED temperature. Maximum power priority.
CHANGING Mode CCT+RGB (14 channels)	1	Master intensity	0-255 0-65535
	2	Master intensity Fine	0-255 0-100
	3	Mode 20-29 : CCT+RGB	20-29 CCT+RGB
	4	Kelvin	0-255 2500K to 10000K
	5	Green / Magenta	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G 100M to 100G
	6	Saturation	0-255 0-100
	7	Red	0-255 0-65535
	8	Red Fine	0-255 0-100
	9	Green	0-255 0-65535
	10	Green Fine	0-255 0-100
	11	Blue	0-255 0-65535
	12	Blue Fine	0-255 0-100
	13	ZOOM	0-255 13°-56°
	14	FAN	0-9 = Silence Fan speed according to LED temperature. Maximum power priority.
	10-19 = Dynamic Fan speed according to LED temperature. Maximum power priority.		
	20-29 = Full Speed Fan operates at maximum power.		
	>=30 = Dynamic Fan speed according to LED temperature. Maximum power priority.		
CHANGING Mode RGBWW (15 channels)	1	Master intensity	0-255 0-65535
	2	Master intensity Fine	0-255 0-100
	3	Mode 30-39 : RGBWW	30-39 RGBWW
	4	Red	0-255 0-65535
	5	Red Fine	0-255 0-100
	6	Green	0-255 0-65535
	7	Green Fine	0-255 0-100
	8	Blue	0-255 0-65535
	9	Blue Fine	0-255 0-100
	10	White	0-255 0-65535
	11	White Fine	0-255 0-100
	12	Cold White	0-255 0-65535
	13	Cold White Fine	0-255 0-100
	14	ZOOM	0-255 13°-56°
	15	FAN	0-9 = Silence Fan speed according to LED temperature. Maximum power priority.
	10-19 = Dynamic Fan speed according to LED temperature. Maximum power priority.		
	20-29 = Full Speed Fan operates at maximum power.		
	>=30 = Dynamic Fan speed according to LED temperature. Maximum power priority.		

CHANGING Mode GEL (9 channels)	1	Master intensity	0-255	0-65535
	2	Master intensity Fine	0-255	0-100
	3	Mode 40-49 : GEL	40-49	GEL
	4	Kelvin	0-255	2500K to 10000K
	5	Saturation	0-255	0-100
	6	Gel family	0=L 1=R	See document L GEL list See document R GEL list
	7	Gel number	0-255	0-100
	8	ZOOM	0-255	13°-56°
	9	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
		20-29 = Full Speed	Fan operates at maximum power.	
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
CHANGING Mode LIGHT SOURCES (8 channels)	1	Master intensity	0-255	0-65535
	2	Master intensity Fine	0-255	0-100
	3	Mode 50-59 : LIGHT SOURCES	50-59	LIGHT SOURCES
	4	Kelvin	0-255	2500K to 10000K
	5	Saturation	0-255	0-100
	6	Lightsources number	0-255	See document Lightsources list
	7	ZOOM	0-255	13°-56°
	8	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
		20-29 = Full Speed	Fan operates at maximum power.	
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
CHANGING Mode PRESETS (5 channels)	1	Master intensity	0-255	0-65535
	2	Master intensity Fine	0-255	0-100
	3	Mode 60-69 : PRESETS	60-69	PRESETS
	4	Preset number	0-255	0-10
	5	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
		20-29 = Full Speed	Fan operates at maximum power.	
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.	
CHANGING Mode EFFECTS (16 channels)	1	Master intensity	0-255	0-65535
	2	Master intensity Fine	0-255	0-100
	3	Mode 70-79 : EFFECTS	70-79	EFFECTS
	4	Effect number	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89	Effect 1 DISCO Effect 2 FLAME Effect 3 POLICE Effect 4 PULSE Effect 5 STROBE Effect 6 TV Effect 7 PAPPARAZZI Effect 8 SUNRISE Effect 9 TRANSITION
	5	Parameter #1	0-255	0-100
	6	Parameter #2	0-255	0-100
	7	Parameter #3	0-255	0-100

		8	Parameter #4	0-255	0-100
		9	Parameter #5	0-255	0-100
		10	Parameter #6	0-255	0-100
		11	Parameter #7	0-255	0-100
		12	Parameter #8	0-255	0-100
		13	ZOOM START Position	0-255	13°-56°
		14	ZOOM STOP Position	0-255	13°-56°
		15	ZOOM SPEED	0-255	0-100
		16	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
				10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
				20-29 = Full Speed	Fan operates at maximum power.
				>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
10	FULL Mode (138 channels)	1	Master intensity	0-255	0-65535
		2	Master intensity Fine	0-255	0-100
		3	Control selector	0-9	BASE COLOR
				10-19	RGBWW
				20-29	GELS
				30-39	LIGHTSOURCES
				40-49	PRESETS
				50-59	Effect 1 DISCO
				60-69	Effect 2 FLAME
				70-79	Effect 3 POLICE
				80-89	Effect 4 PULSE
				90-99	Effect 5 STROBE
		100-109	Effect 6 TV		
		110-119	Effect 7 PAPARAZZI		
		120-129	Effect 8 SUNRISE		
		130-139	Effect 9 TRANSITION		
		4	Kelvin	0-255	2500K to 10000K
		5	Green / Magenta (100M to 100G)	0=Neutral 1-121=100M to 1 M 122-132= Neutral zone 133-255 = 1G to 100G	100M to 100G
		6	Saturation	0-255	0-100
		7	Red	0-255	0-65535
		8	Red Fine	0-255	0-100
		9	Green	0-255	0-65535
		10	Green Fine	0-255	0-100
		11	Blue	0-255	0-65535
		12	Blue Fine	0-255	0-100
13	ZOOM	0-255	13°-56°		
14	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.		
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.		
		20-29 = Full Speed	Fan operates at maximum power.		
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.		
15	Red	0-255	0-65535		
16	Red Fine	0-255	0-100		
17	Green	0-255	0-65535		
18	Green Fine	0-255	0-100		
19	Blue	0-255	0-65535		
20	Blue Fine	0-255	0-100		
21	White	0-255	0-65535		
22	White Fine	0-255	0-100		
23	Cold White	0-255	0-65535		
24	Cold White Fine	0-255	0-100		
25	ZOOM	0-255	13°-56°		

26	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
27	Kelvin	0-255	2500K to 10000K
28	Saturation	0-255	0-100
29	Gel family	0=L 1=R	See document L GEL list See document R GEL list
30	Gel number	0-255	0-100
31	ZOOM	0-255	13°-56°
32	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
33	Kelvin	0-255	2500K to 10000K
34	Saturation	0-255	0-100
35	Light Source number	0-255	See document Lightsources list
36	ZOOM	0-255	13°-56°
37	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
38	Preset number	0-255	0-10
39	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
40	DISCO Loop speed	0-255	0-100
41	DISCO Saturation	0-255	0-100
42	DISCO Hue 1	0-255	0° to 359°
43	DISCO Hue 2	0-255	0° to 359°
44	DISCO Kelvin	0-255	2500K to 10000K
45	DISCO Smoothness	0-255	0-100
46	DISCO Direction	0-255	0-100
47	Parameter #8	0-255	0-100
48	ZOOM START Position	0-255	13°-56°
49	ZOOM STOP Position	0-255	13°-56°

50	ZOOM SPEED	0-255	0-100
51	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
52	FLAME Flickr speed	0-255	0-100
53	FLAME Saturation	0-255	0-100
54	FLAME Hue	0-255	0° to 359°
55	FLAME Kelvin	0-255	2500K to 10000K
56	FLAME Smoothness	0-255	0-100
57	Parameter #6	0-255	0-100
58	Parameter #7	0-255	0-100
59	Parameter #8	0-255	0-100
60	ZOOM START Position	0-255	13°-56°
61	ZOOM STOP Position	0-255	13°-56°
62	ZOOM SPEED	0-255	0-100
63	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
64	POLICE Loop speed	0-255	0-100
65	POLICE Saturation	0-255	0-100
66	POLICE Hue 1	0-255	0° to 359°
67	POLICE Hue 2	0-255	0° to 359°
68	POLICE Kelvin	0-255	2500K to 10000K
69	POLICE Smoothness	0-255	0-100
70	Parameter #7	0-255	0-100
71	Parameter #8	0-255	0-100
72	ZOOM START Position	0-255	13°-56°
73	ZOOM STOP Position	0-255	13°-56°
74	ZOOM SPEED	0-255	0-100
75	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
76	PULSE Loop speed	0-255	0-100
77	PULSE Flash time	0-255	0-100
78	PULSE Fade out	0-255	0-100
79	PULSE Saturation	0-255	0-100
80	PULSE Hue	0-255	0° to 359°
81	PULSE Kelvin	0-255	2500K to 10000K
82	Parameter #7	0-255	0-100
83	Parameter #8	0-255	0-100
84	ZOOM START Position	0-255	13°-56°
85	ZOOM STOP Position	0-255	13°-56°
86	ZOOM SPEED	0-255	0-100

87	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
88	STROBE Saturation	0-255	0-100
89	STROBE Hue	0-255	0° to 359°
90	STROBE Kelvin	0-255	2500K to 10000K
91	STROBE Flash time	0-255	0-100
92	Parameter #5	0-255	0-100
93	Parameter #6	0-255	0-100
94	Parameter #7	0-255	0-100
95	Parameter #8	0-255	0-100
96	ZOOM START Position	0-255	13°-56°
97	ZOOM STOP Position	0-255	13°-56°
98	ZOOM SPEED	0-255	0-100
99	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
100	TV Loop speed	0-255	0-100
101	TV Saturation	0-255	0-100
102	TV Hue 1	0-255	0° to 359°
103	TV Hue 2	0-255	0° to 359°
104	TV Smoothness	0-255	0-100
105	TV Direction	0-255	0-100
106	Parameter #7	0-255	0-100
107	Parameter #8	0-255	0-100
108	ZOOM START Position	0-255	13°-56°
109	ZOOM STOP Position	0-255	13°-56°
110	ZOOM SPEED	0-255	0-100
111	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
112	PAPARAZZI Kelvin	0-255	2500K to 10000K
113	PAPARAZZI Flicker speed	0-255	0-100
114	PAPARAZZI Flash time	0-255	0-100
115	Parameter #4	0-255	0-100
116	Parameter #5	0-255	0-100
117	Parameter #6	0-255	0-100
118	Parameter #7	0-255	0-100
119	Parameter #8	0-255	0-100
120	ZOOM START Position	0-255	13°-56°
121	ZOOM STOP Position	0-255	13°-56°
122	ZOOM SPEED	0-255	0-100

123	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
124	SUNRISE Intensity 1	0-255	0-100
125	SUNRISE Intensity 2	0-255	0-100
126	SUNRISE Saturation 1	0-255	0-100
127	SUNRISE Saturation 2	0-255	0-100
128	SUNRISE Hue 1	0-255	0° to 359°
129	SUNRISE Hue 2	0-255	0° to 359°
130	SUNRISE Kelvin	0-255	2500K to 10000K
131	SUNRISE Time	0-255	0-100
132	ZOOM START Position	0-255	13°-56°
133	ZOOM STOP Position	0-255	13°-56°
134	ZOOM SPEED	0-255	0-100
135	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
136	TRANSITION Light intensity 1	0-255	0-100
137	TRANSITION Light intensity 2	0-255	0-100
138	TRANSITION Hue 1	0-255	0° to 359°
139	TRANSITION Hue 2	0-255	0° to 359°
140	TRANSITION Time	0-255	0-100
141	Parameter #6	0-255	0-100
142	Parameter #7	0-255	0-100
143	Parameter #8	0-255	0-100
144	ZOOM START Position	0-255	13°-56°
145	ZOOM STOP Position	0-255	13°-56°
146	ZOOM SPEED	0-255	0-100
147	FAN	0-9 = Silence	Fan speed according to LED temperature. Maximum power priority.
		10-19 = Dynamic	Fan speed according to LED temperature. Maximum power priority.
		20-29 = Full Speed	Fan operates at maximum power.
		>=30 = Dynamic	Fan speed according to LED temperature. Maximum power priority.

L Gels List

DMX Value	Class	Number	Name
0	L		no filter
1	L	283	1 1/2 CTB
2	L	286	1 1/2 CTO
3	L	202	1/2 CTB
4	L	205	1/2 CTO
5	L	442	1/2 CTS
6	L	248	1/2 Minus Green
7	L	245	1/2 Plus Green
8	L	203	1/4 CTB
9	L	206	1/4 CTO
10	L	443	1/4 CTS
11	L	249	1/4 Minus Green
12	L	246	1/4 Plus Green
13	L	218	1/8 CTB
14	L	223	1/8 CTO
15	L	444	1/8 CTS
16	L	279	1/8 Minus Green
17	L	278	1/8 Plus Green
18	L	281	3/4 CTB
19	L	285	3/4 CTO
20	L	197	Alice Blue
21	L	147	Apricot
22	L	600	Arctic White
23	L	162	Bastard Amber
24	L	779	Bastard Pink
25	L	712	Bedford Blue
26	L	721	Berry Blue
27	L	789	Blood Red
28	L	217	Blue Diffusion
29	L	221	Blue Frost
30	L	742	Bram Brown
31	L	128	Bright Pink
32	L	26	Bright Red
33	L	148	Bright Rose
34	L	746	Brown
35	L	715	Cabana Blue
36	L	773	Cardbox Amber
37	L	156	Chocolate
38	L	237	CID to Tungsten

39	L	711	Cold Blue
40	L	703	Cold Lavender
41	L	719	Colour Wash Blue
42	L	708	Cool Lavender
43	L	189	Cosm.Silver Moss
44	L	186	Cosm.Silver Rose
45	L	191	Cosmet.Aqua Blue
46	L	188	Cosmet.Highlight
47	L	184	Cosmetic Peach
48	L	187	Cosmetic Rouge
49	L	238	CSI to Tungsten
50	L	733	Damp Squib
51	L	22	Dark Amber
52	L	124	Dark Green
53	L	180	Dark Lavender
54	L	46	Dark Magenta
55	L	111	Dark Pink
56	L	8	Dark Salmon
57	L	174	Dark Steel Blue
58	L	90	Dark Yellow Grn.
59	L	165	Daylight Blue
60	L	224	Daylight Blue Fr
61	L	104	Deep Amber
62	L	120	Deep Blue
63	L	135	Deep Golden Amb.
64	L	170	Deep Lavender
65	L	85	Deeper Blue
66	L	731	Dirty Ice
67	L	744	Dirty White
68	L	200	Double CTB
69	L	287	Double CTO
70	L	720	Durham Daylight
71	L	750	Durham Frost
72	L	747	Easy White
73	L	709	Electric Lilac
74	L	714	Elysian Blue
75	L	108	English Rose
76	L	75	Evening Blue
77	L	122	Fern Green
78	L	19	Fire
79	L	164	Flame Red
80	L	192	Flesh Pink
81	L	604	Full CT 85

82	L	201	Full CTB
83	L	204	Full CTO
84	L	207	Full CTO + .3 ND
85	L	208	Full CTO + .6 ND
86	L	441	Full CTS
87	L	21	Gold Amber
88	L	151	Gold int
89	L	134	Golden Amber
90	L	718	Half Shanklin Fr
91	L	749	Hampshire Rose
92	L	651	HI Sodium
93	L	236	HMI to Tungsten
94	L	650	Industry Sodium
95	L	738	JAS Green
96	L	79	Just Blue
97	L	706	King Fals Lavend
98	L	243	L. Fluoresc.3600K
99	L	241	L. Fluoresc.5700K
100	L	121	L. Green
101	L	247	L. Minus Green
102	L	244	L. Plus Green
103	L	765	L. Yellow
104	L	230	L.C.T. Yellow
105	L	212	L.C.T.Yellow(Y1)
106	L	242	L.Fluoresc.4300K
107	L	219	L.Fluoresc.Green
108	L	58	Lavender
109	L	3	Lavender Tint
110	L	730	Liberty Green
111	L	102	Light Amber
112	L	118	Light Blue
113	L	52	Light Lavender
114	L	35	Light Pink
115	L	182	Light Red
116	L	107	Light Rose
117	L	109	Light Salmon
118	L	169	Lilac Tint
119	L	704	Lily
120	L	705	Lily Frost
121	L	88	Lime Green
122	L	653	LO Sodium
123	L	176	Loving Amber
124	L	113	Magenta

125	L	795	Magical Magenta
126	L	131	Marine Blue
127	L	4	Med.Bastard Amb.
128	L	20	Medium Amber
129	L	36	Medium Pink
130	L	10	Medium Yellow
131	L	110	Middle Rose
132	L	716	Mikkel Blue
133	L	778	Millennium Gold
134	L	61	Mist Blue
135	L	603	Moonlight White
136	L	791	Moroccan Frost
137	L	790	Moroccan Pink
138	L	89	Moss Green
139	L	776	Nectarine
140	L	144	No Color Blue
141	L	159	No Color Straw
142	L	724	Ocean Blue
143	L	725	Old Steel Blue
144	L	198	Palace Blue
145	L	9	Pale Amber Gold
146	L	63	Pale Blue
147	L	152	Pale Gold
148	L	138	Pale Green
149	L	136	Pale Lavender
150	L	143	Pale Navy Blue
151	L	154	Pale Rose
152	L	153	Pale Salmon
153	L	142	Pale Violet
154	L	7	Pale Yellow
155	L	53	Paler Lavender
156	L	115	Peacock Blue
157	L	700	Perfect Lavender
158	L	157	Pink
159	L	602	Platinum
160	L	794	Pretty n Pink
161	L	106	Primary Red
162	L	701	Provence
163	L	199	Regal Blue
164	L	2	Rose Pink
165	L	48	Rose Purple
166	L	24	Scarlet
167	L	748	Seedy Pink

168	L	717	Shanklin Frost
169	L	601	Silver
170	L	68	Sky Blue
171	L	161	Slate Blue
172	L	127	Smokey Pink
173	L	774	Soft Amber Key 1
174	L	775	Soft Amber Key 2
175	L	702	Spec.Pale Lavend
176	L	137	Special Lavender
177	L	710	Spir Special Blu
178	L	100	Spring Yellow
179	L	117	Steel Blue
180	L	728	Steel Green
181	L	103	Straw
182	L	13	Straw Tint
183	L	140	Summer Blue
184	L	764	Sun Colour Straw
185	L	25	Sunset Red
186	L	17	Surprise Peach
187	L	194	Surprise Pink
188	L	781	Terry Red
189	L	196	True Blue
190	L	652	Urban Sodium
191	L	723	Virgin Blue
192	L	232	W.F. Green
193	L	763	Wheat
194	L	213	White Flame Grn.
195	L	101	Yellow
196	L	195	Zenith Blue

R Gels List			
DMX Value	Class	Number	Name
0	R		no filter
1	R	3204	1/2 CTB
2	R	3408	1/2 CTO
3	R	3442	1/2 CTS
4	R	3313	1/2 Minusgreen
5	R	3315	1/2 Plusgreen
6	R	3206	1/3 CTB
7	R	3208	1/4 CTB
8	R	3409	1/4 CTO
9	R	3443	1/4 CTS
10	R	3314	1/4 Minusgreen
11	R	3316	1/4 Plusgreen
12	R	3216	1/8 CTB
13	R	3410	1/8 CTO
14	R	3444	1/8 CTS
15	R	3318	1/8 Minusgreen
16	R	3317	1/8 Plusgreen
17	R	4215	15 Blue
18	R	4315	15 Cyan
19	R	4415	15 Green
20	R	4915	15 Lavender
21	R	4715	15 Magenta
22	R	4815	15 Pink
23	R	4615	15 Red
24	R	4515	15 Yellow
25	R	3203	3/4 CTB
26	R	3411	3/4 CTO
27	R	3309	3/4 Minusgreen
28	R	4230	30 Blue
29	R	4330	30 Cyan
30	R	4430	30 Green
31	R	4930	30 Lavender
32	R	4730	30 Magenta
33	R	4830	30 Pink
34	R	4630	30 Red
35	R	4530	30 Yellow
36	R	4260	60 Blue
37	R	4360	60 Cyan
38	R	4460	60 Green
39	R	4960	60 Lavender

40	R	4760	60 Magenta
41	R	4860	60 Pink
42	R	4660	60 Red
43	R	4560	60 Yellow
44	R	4307	7 Cyan
45	R	4290	90 Blue
46	R	4390	90 Cyan
47	R	4490	90 Green
48	R	4990	90 Lavender
49	R	4790	90 Magenta
50	R	4890	90 Pink
51	R	4690	90 Red
52	R	4590	90 Yellow
53	R	378	Alice Blue
54	R	381	Baldassari Blue
55	R	2	Bastard Amber
56	R	376	Bermuda Blue
57	R	364	Blue Bell
58	R	93	Blue Green
59	R	333	Blush Pink
60	R	62	Booster Blue
61	R	375	Cerulean Blue
62	R	99	Chocolate
63	R	360	Clearwater
64	R	310	Daffodil
65	R	65	Daylight Blue
66	R	42	Deep Salmon
67	R	3220	Double CTB
68	R	3420	Double CTO
69	R	18	Flame
70	R	34	Flesh Pink
71	R	3310	Fluorofilter
72	R	3202	Full CTB
73	R	3407	Full CTO
74	R	3441	Full CTS
75	R	3308	Full Minusgreen
76	R	3304	Full Plusgreen
77	R	316	Gallo Gold
78	R	21	Golden Amber
79	R	77	Green Blue
80	R	325	Henna Sky
81	R	3150	Industrial Vapor
82	R	16	Light Amber

83	R	17	Light Flame
84	R	88	Light Green
85	R	26	Light Red
86	R	47	Light Rose Purp.
87	R	318	Mayan Sun
88	R	83	Medium Blue
89	R	44	Middle Rose
90	R	89	Moss Green
91	R	60	No Color Blue
92	R	33	No Color Pink
93	R	6	No Color Straw
94	R	23	Orange
95	R	302	Pale Bastard Amb
96	R	8	Pale Gold
97	R	37	Pale Rose Pink
98	R	87	Pale Yellow Grn.
99	R	80	Primary Blue
100	R	91	Primary Green
101	R	41	Salmon
102	R	321	Soft Golden Amb.
103	R	12	Straw
104	R	51	Surprise Pink
105	R	365	Tharon Delft Blu
106	R	362	Tipton Blue
107	R	3134	Tough MT 54
108	R	3102	Tough MT2
109	R	3106	Tough MTY
110	R	3107	Tough Y-1
111	R	92	Turquoise
112	R	3152	Urban Vapor
113	R	2006	VS Azure
114	R	2007	VS Blue
115	R	2005	VS Cyan
116	R	2004	VS Green
117	R	2008	VS Indigo
118	R	2010	VS Magenta
119	R	2002	VS Orange
120	R	2001	VS Red
121	R	2009	VS Violet
122	R	2003	VS Yellow

Kelvin-DMX	
DMX	KELVIN
0	2500
3	2600
6	2700
9	2800
12	2900
15	2900
18	3000
21	3100
24	3200
27	3300
30	3400
33	3500
36	3600
39	3600
42	3700
45	3800
48	3900
51	4000
54	4100
57	4200
60	4300
63	4400
66	4400
69	4500
72	4600
75	4700
78	4800
81	4900
84	5000
87	5100
90	5100
93	5200
96	5300
99	5400
102	5500
105	5600
108	5700
111	5800
114	5900
117	5900
120	6000
123	6100
126	6200
129	6300
132	6400
135	6500
138	6600

141	6600
144	6700
147	6800
150	6900
153	7000
156	7100
159	7200
162	7300
165	7400
168	7400
171	7500
174	7600
177	7700
180	7800
183	7900
186	8000
189	8100
192	8100
195	8200
198	8300
201	8400
204	8500
207	8600
210	8700
213	8800
216	8900
219	8900
222	9000
225	9100
228	9200
231	9300
234	9400
237	9500
240	9600
243	9600
246	9700
249	9800
252	9900
255	9900

FX Mode parameters 8 bits

MODE NUMBER	MODE NAME	1	2	3	4	5	6	7	8	9	10	11	12	13
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect DISCO Values = 0-9	DISCO Loop speed	DISCO Saturation	DISCO Hue 1	DISCO Hue 2	DISCO Kelvin	DISCO Smoothness	DISCO Direction	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect FLAME Values = 10-19	FLAME Flicker speed	FLAME Saturation	FLAME Hue	FLAME Kelvin	FLAME Smoothness	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect POLICE Values = 20-29	POLICE Loop speed	POLICE Hue 1	POLICE Hue 2	POLICE Kelvin 0= OFF range 2500K-9900K	POLICE Smoothness	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect PULSE Values = 30-39	PULSE Loop speed	PULSE Flash time	PULSE Fade out	PULSE Saturation	PULSE Hue	PULSE Kelvin	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect STROBE Values = 40-49	STROBE Saturation	STROBE Hue	STROBE Kelvin	STROBE Flash time	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect TV Values = 50-59	TV Loop speed	TV Saturation	TV Hue 1	TV Hue 2	TV Smoothness	TV Direction	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect PAPERAZZI Values = 60-69	PAPERAZZI Kelvin	PAPERAZZI Flicker speed	PAPERAZZI Flash time	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect SUNRISE Values = 70-79	SUNRISE Intensity 1	SUNRISE Intensity 2	SUNRISE Saturation 1	SUNRISE Saturation 2	SUNRISE Hue 1	SUNRISE Hue 2	SUNRISE Kelvin	SUNRISE Time	ZOOM START Position	ZOOM STOP Position	ZOOM SPEED
8	EFFECTS mode 14 channels	Master Intensity Values = 0 - 255 Percent = 0 - 100	Effect TRANSITION Values = 80-89	TRANSITION Light intensity 1	TRANSITION Light intensity 2	TRANSITION Hue 1	TRANSITION Hue 2	TRANSITION Time	Parameter #6	Parameter #7	Parameter #8	ZOOM START Position	ZOOM STOP Position	ZOOM SPEED

14

FAN

values = 0 - 255
(Selects mode every 10 Dmx steps
See Fan modes tab for more information)

FAN

values = 0 - 255
(Selects mode every 10 Dmx steps
See Fan modes tab for more information)

FAN

values = 0 - 255
(Selects mode every 10 Dmx steps
See Fan modes tab for more information)

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values = 0 - 255
(Selects mode every 10 Dmx steps
See Fan modes tab for more information)

FAN

values = 0 - 255
(Selects mode every 10 Dmx steps
See Fan modes tab for more information)

FAN

values = 0 - 255
(Selects mode every 10 Dmx steps
See Fan modes tab for more information)

FX Mode parameters 16 bits

MODE NUMBER	MODE NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect DISCO Values = 0-9	DISCO Loop speed	DISCO Saturation	DISCO Hue 1	DISCO Hue 2	DISCO Kelvin	DISCO Smoothness	DISCO Direction	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect FLAME Values = 10-19	FLAME Flicker speed	FLAME Saturation	FLAME Hue	FLAME Kelvin	FLAME Smoothness	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect POLICE Values = 20-29	POLICE Loop speed	POLICE Hue 1	POLICE Hue 2	POLICE Kelvin 0= OFF range 2500K-9900K	POLICE Smoothness	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect PULSE Values = 30-39	PULSE Loop speed	PULSE Flash time	PULSE Fade out	PULSE Saturation	PULSE Hue	PULSE Kelvin	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect STROBE Values = 40-49	STROBE Saturation	STROBE Hue	STROBE Kelvin	STROBE Flash time	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect TV Values = 50-59	TV Loop speed	TV Saturation	TV Hue 1	TV Hue 2	TV Smoothness	TV Direction	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect PAPERAZZI Values = 60-69	PAPERAZZI Kelvin	PAPERAZZI Flicker speed	PAPERAZZI Flash time	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	reserved for future use	ZOOM	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect SUNRISE Values = 70-79	SUNRISE Intensity 1	SUNRISE Intensity 2	SUNRISE Saturation 1	SUNRISE Saturation 2	SUNRISE Hue 1	SUNRISE Hue 2	SUNRISE Kelvin	SUNRISE Time	ZOOM START Position	ZOOM STOP Position	ZOOM SPEED	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)
18	EFFECTS mode 15 channels	Master Intensity Coarse Values = 0 - 255 Percent = 0 - 100	Master Intensity Fine Values = 0 - 255 Percent = 0 - 100	Effect TRANSITION Values = 80-89	TRANSITION Light intensity 1	TRANSITION Light intensity 2	TRANSITION Hue 1	TRANSITION Hue 2	TRANSITION Time	Parameter #6	Parameter #7	Parameter #8	ZOOM START Position	ZOOM STOP Position	ZOOM SPEED	FAN values = 0 - 255 (Selects mode every 10 Dmx steps See Fan modes tab for more information)