

## MODE n°1

1CH – 1 DWE

Channel	Function	Value	Description	Istance
1	Halogen dimmer	000 – 255	Halogen dimmer simulation	Main

## MODE n°2

2CH – 1 DWE + CTRL

Channel	Function	Value	Description	Istance
1	Halogen dimmer	000 – 255	Halogen dimmer simulation	Main
2	Device settings	000 – 255	Device settings	Main

## MODE n°3

3CH – HSV

Channel	Function	Value	Description	Istance
1	Hue	000 – 255	Hue	Main
2	Saturation	000 – 255	Saturation	Main
3	Value	000 – 255	Value	Main

## MODE n°4

5CH – CTC

Channel	Function	Value	Description	Istance
1	Dimmer	000 – 255	Dimmer	Main
2	Virtual Color Gels	000 – 255	Virtual Color Gels (see Virtual Color Gels chart)	Main
3	CTC	000 – 255	CTC from 1750K to 20000K (see CTC chart)	Main
4	Green/Magenta shift	000 – 007	No function	Main
		008 – 127	Magenta shift from 100% to 0%	Main
		128 - 128	Neutral White	
		129 – 255	Green shift from 0% to 100%	
5	Quality	000 – 255	Quality of CRI from 0% to 100%	Main

## MODE n°5

5CH – RGBAL

Channel	Function	Value	Description	Istance
1	Red	000 – 255	Red intensity	Main
2	Green	000 – 255	Green intensity	Main
3	Blue	000 – 255	Blue intensity	Main
4	Amber	000 – 255	Amber intensity	Main
5	Lime	000 – 255	Lime intensity	Main

## MODE n°6

9CH – BASIC

Channel	Function	Value	Description	Istance
1	Halogen dimmer	000 – 255	Halogen dimmer simulation	Halo
2	Dimmer	000 – 255	Dimmer	Main
3	Strobe	000 – 255	Strobe (see Strobe chart)	Main
4	Red	000 – 255	Red intensity	Main
5	Green	000 – 255	Green intensity	Main
6	Blue	000 – 255	Blue intensity	Main
7	Amber	000 – 255	Amber intensity	Main
8	Lime	000 – 255	Lime intensity	Main
9	Virtual Color Gels	000 – 255	Virtual Color Gels	Main

**MODE n°7**
**14CH - STANDARD 8bit**

Channel	Function	Value	Description	Istance
1	Halogen dimmer	000 – 255	Halogen dimmer simulation	Halo
2	Dimmer	000 – 255	Dimmer	Main
3	Strobe	000 – 255	Strobe (see Strobe chart)	Main
4	Strobe duration	000 – 255	Strobe duration (0ms - 510ms)	Main
5	Red	000 – 255	Red intensity	Main
6	Green	000 – 255	Green intensity	Main
7	Blue	000 – 255	Blue intensity	Main
8	Amber	000 – 255	Amber intensity	Main
9	Lime	000 – 255	Lime intensity	Main
10	Virtual Color Gels	000 – 255	Virtual Color Gels (see Virtual Color Gels chart)	Main
11	CTC	000 – 255	CTC from 1750K to 20000K (see CTC chart)	Main
12	G/M shift	000 – 007	No function	Main
		008 – 127	Magenta shift from 100% to 0%	
		128 - 128	Neutral White	
		129 – 255	Green shift from 0% to 100%	
13	Quality	000 – 255	Quality of CRI from 0% to 100%	Main
14	Device settings	000 – 255	Device settings (see Device settings chart)	Main

**MODE n°8**
**21CH - STANDARD 16bit**

Channel	Function	Value	Description	Istance
1	Halogen dimmer	000 – 255	Halogen dimmer simulation	Halo
2	Halogen dimmer fine	000 – 255	Halogen dimmer simulation fine	Halo
3	Dimmer	000 – 255	Dimmer	Main
4	Dimmer fine	000 – 255	Dimmer fine	Main
5	Strobe	000 – 255	Strobe (see Strobe chart)	Main
6	Strobe duration	000 – 255	Strobe duration (0ms - 510ms)	Main
7	Red	000 – 255	Red intensity	Main
8	Red fine	000 – 255	Red fine intensity	Main
9	Green	000 – 255	Green intensity	Main
10	Green fine	000 – 255	Green fine intensity	Main
11	Blue	000 – 255	Blue intensity	Main
12	Blue fine	000 – 255	Blue fine intensity	Main
13	Amber	000 – 255	Amber intensity	Main
14	Amber fine	000 – 255	Amber fine intensity	Main
15	Lime	000 – 255	Lime intensity	Main
16	Lime fine	000 – 255	Lime fine intensity	Main
17	Virtual Color Gels	000 – 255	Virtual Color Gels (see Virtual Color Gels chart)	Main
18	CTC	000 – 255	CTC from 1750K to 20000K (see CTC chart)	Main
19	G/M shift	000 – 007	No function	Main
		008 – 127	Magenta shift from 100% to 0%	
		128 - 128	Neutral White	
		129 – 255	Green shift from 0% to 100%	
20	Quality	000 – 255	Quality of CRI from 0% to 100%	Main
21	Device settings	000 – 255	Device settings (see Device settings chart)	Main

## Strobe chart

N°	Function	Value	Default
1	Open	000-004	000
2	Strobe (slow to fast)	005-044	
3	Open	045-046	
4	Pulse In (slow to fast)	047-086	
5	Open	087-088	
6	Pulse Out (slow to fast)	089-128	
7	Open	129-130	
8	Random (slow to fast)	131-170	
9	Open	171-172	
10	Spikers	173-212	
11	Open	213-214	
12	Random single pixel (slow to fast)	215-254	
13	Open	255	

## Virtual Color Gels chart

It is possible to switch between Daylight and Tungsten using the appropriate \*Virtual Color Gels mode command in Device settings

N°	Description	Value	Gel #	Default
1	No function	000-001	-	000
2	Rose Pink	002-003	002	
3	Lavender Tint	004-005	003	
4	Medium Bastard Amber	006-007	004	
5	Pale Yellow	008-009	007	
6	Dark Salmon	010-011	008	
7	Amber Gold	012-013	009	
8	Medium Yellow	014-015	010	
9	Straw Tint	016-017	013	
10	Surprise Peach	018-019	017	
11	Fire	020-021	019	
12	Medium Amber	022-023	020	
13	Gold Amber	024-025	021	
14	Dark Amber	026-027	022	
15	Scarlet	028-029	024	
16	Sunset Red	030-031	025	
17	Bright Red	032-033	026	
18	Light Pink	034-035	035	
19	Medium Pink	036-037	036	
20	Dark Magenta	038-039	046	
21	Rose Purple	040-041	048	
22	Light Lavender	042-043	052	
23	Paler Lavender	044-045	053	
24	Lavender	046-047	058	
25	Mist Blue	048-049	061	
26	Pale Blue	050-051	063	
27	Sky Blue	052-053	068	
28	Evening Blue	054-055	075	
29	Just Blue	056-057	079	
30	Deeper Blue	058-059	085	
31	Lime Green	060-061	088	
32	Moss Green	062-063	089	
33	Yellow Green	064-065	090	
34	Spring Yellow	066-067	100	
35	Yellow	068-069	101	
36	Light Amber	070-071	102	
37	Straw	072-073	103	
38	Deep Amber	074-075	104	

39	Primary Red	076-077	106
40	Light Rose	078-079	107
41	English Rose	080-081	108
42	Light Salmon	082-083	109
43	Middle Rose	084-085	110
44	Dark Pink	086-087	111
45	Magenta	088-089	113
46	Peacock Blue	090-091	115
47	Steel Blue	092-093	117
48	Light Blue	094-095	118
49	Deep Blue	096-097	120
50	LEE Green	098-099	121
51	Fern Green	100-101	122
52	Dark Green	102-103	124
53	Smokey Pink	104-105	127
54	Bright Pink	106-107	128
55	Marine Blue	108-109	131
56	Golden Amber	110-111	134
57	Deep Golden Amber	112-113	135
58	Pale Lavender	114-115	136
59	Special Lavender	116-117	137
60	Pale Green	118-119	138
61	Summer Blue	120-121	140
62	Pale Violet	122-123	142
63	Pale Navy Blue	124-125	143
64	No Color Blue	126-127	144
65	Apricot	128-129	147
66	Bright Rose	130-131	148
67	Gold Tint	132-133	151
68	Pale Gold	134-135	152
69	Pale Salmon	136-137	153
70	Pale Rose	138-139	154
71	Chocolate	140-141	156
72	Pink	142-143	157
73	No Color Straw	144-145	159
74	Slate Blue	146-147	161
75	Bastard Amber	148-149	162
76	Flame Red	150-151	164
77	Daylight Blue	152-153	165
78	Lilac Tint	154-155	169
79	Deep Lavender	156-157	170
80	Dark Steel Blue	158-159	174
81	Loving Amber	160-161	176
82	Dark Lavender	162-163	180
83	Light Red	164-165	182
84	Flesh Pink	166-167	192
85	Surprise Pink	168-169	194
86	Zenith Blue	170-171	195
87	True Blue	172-173	196
88	Alice Blue	174-175	197
89	Palace Blue	176-177	198
90	Regal Blue	178-179	199
91	Blackout	180-181	-
92	Double CTB	182-183	200
93	Full CTB	184-190	201
94	3/4 CTB	192-193	281
95	1/2 CTB	194-195	202
96	1/4 CTB	196-197	203

97	1/8 CTB	198-199	218
98	Double CTO	200-201	287
99	Full CTO	202-203	204
100	3/4 CTO	204-205	285
101	1/2 CTO	206-207	205
102	1/4 CTO	208-209	206
103	1/8 CTO	210-211	223
104	1 1/2 CTB	212-213	283
105	1 1/2 CTO	214-215	286
106	Full CTS	216-217	441
107	1/2 CTS	218-219	442
108	1/4 CTS	220-221	443
109	1/8 CTS	222-223	444
110	Blackout	224-225	-
111	Reserved	226-255	-

## CTC chart

N°	Description	Value	Default
1	No function	000 - 007	000
2	1750K	008 – 009	
3	1800K	010 – 011	
4	1850K	012 – 013	
5	1900K	014 – 015	
6	1950K	016 – 017	
7	2000K	018 – 019	
8	2050K	020 – 021	
9	2100K	022 – 023	
10	2150K	024 – 025	
11	2200K	026 – 027	
12	2250K	028 – 029	
13	2300K	030 – 031	
14	2350K	032 – 033	
15	2400K	034 – 035	
16	2450K	036 – 037	
17	2500K	038 – 039	
18	2550K	040 – 041	
19	2600K	042 – 043	
20	2650K	044 – 045	
21	2700K	046 – 047	
22	2750K	048 – 049	
23	2800K	050 – 051	
24	2850K	052 – 053	
25	2900K	054 – 055	
26	2950K	056 – 057	
27	3000K	058 – 059	
28	3050K	060 – 061	
29	3100K	062 – 063	
30	3150K	064 – 065	
31	3200K	066 – 067	
32	3250K	068 – 069	
33	3300K	070 – 071	
34	3350K	072 – 073	
35	3400K	074 – 075	
36	3450K	076 – 077	
37	3500K	078 – 079	
38	3550K	080 – 081	
39	3600K	082 – 083	
40	3650K	084 – 085	

41	3700K	086 – 087
42	3750K	088 – 089
43	3800K	090 – 091
44	3850K	092 – 093
45	3900K	094 – 095
46	3950K	096 – 097
47	4000K	098 – 099
48	4050K	100 – 101
49	4100K	102 – 103
50	4150K	104 – 105
51	4200K	106 – 107
52	4250K	108 – 109
53	4300K	110 – 111
54	4350K	112 – 113
55	4400K	114 – 115
56	4450K	116 – 117
57	4500K	118 – 119
58	4550K	120 – 121
59	4600K	122 – 123
60	4650K	124 – 125
61	4700K	126 – 127
62	4750K	128 – 129
63	4800K	130 – 131
64	4850K	132 – 133
65	4900K	134 – 135
66	4950K	136 – 137
67	5000K	138 – 139
68	5050K	140 – 141
69	5100K	142 – 143
70	5150K	144 – 145
71	5200K	146 – 147
72	5250K	148 – 149
73	5300K	150 – 151
74	5350K	152 – 153
75	5400K	154 – 155
76	5450K	156 – 157
77	5500K	158 – 159
78	5550K	160 – 161
79	5600K	162 – 163
80	5650K	164 – 165
81	5700K	166 – 167
82	5750K	168 – 169
83	5800K	170 – 171
84	5850K	172 – 173
85	5900K	174 – 175
86	5950K	176 – 177
87	6000K	178 – 179
88	6250K	180 – 181
89	6500K	182 – 183
90	6750K	184 – 185
91	7000K	186 – 187
92	7250K	188 – 189
93	7500K	190 – 191
94	7750K	192 – 193
95	8000K	194 – 195
96	8500K	196 – 197
97	8250K	198 – 199
98	8750K	200 – 201

99	9000K	202 – 203
100	9250K	204 – 205
101	9500K	206 – 207
102	9750K	208 – 209
103	10000K	210 – 211
104	11000K	212 – 213
105	12000K	214 – 215
106	13000K	216 – 217
107	14000K	218 – 219
108	15000K	220 – 221
109	16000K	222 – 223
110	17000K	224 – 225
111	18000K	226 – 227
112	19000K	228 – 229
113	20000K	229 – 230

## Device settings

Function	Detail	Value	Default
	No function	000–005	
Refresh rate	1000Hz	006–008	<b>2000Hz</b> (hold 3s)
	2000Hz	009–011	
	3000Hz	012–014	
	4000Hz	015–017	
	5000Hz	018–020	
	6000Hz	021–023	
	7000Hz	024–026	
	8000Hz	027–029	
	9000Hz	030–032	
	10000Hz	033–035	
	11000Hz	036–038	
	12000Hz	039–041	
	13000Hz	042–044	
	14000Hz	045–047	
	15000Hz	048–050	
	16000Hz	051–053	
	17000Hz	054–056	
	18000Hz	057–059	
	19000Hz	060–062	
	20000Hz	063–065	
21000Hz	066–068		
22000Hz	069–071		
23000Hz	072–074		
24000Hz	075–077		
25000Hz	078–080		
	No function	081–083	
Fan mode	Auto	084–086	<b>Auto</b> (hold 3s)
	Silent	087–089	
	Max	090–092	
	Off	093–095	
	No function	096–098	
Key lock	On	099–101	<b>Off</b> (hold 3s)
	Off	102–104	
	No function	105–107	
DMX fault	Hold	108–110	<b>Hold</b> (hold 3s)
	Black Out	111–113	
	Stand Alone	114–116	
	Emergency	117–119	
	No function	120–122	

Display flip	On	123–125	<b>Off</b> (hold 3s)
	Off	126–128	
	No function	129–131	
Back light	On	132–134	<b>30s</b> (hold 3s)
	30s	135–137	
	No function	138–140	
Dimmer curve	Linear	141–143	<b>Square Law</b> (hold 3s)
	Square Law	144–146	
	Inverse Square Law	147–149	
	S-Curve	150–152	
	No function	153–155	
Dimmer response	Slow (speed1)	156–158	<b>Halogen</b> (hold 3s)
	Medium (speed2)	159–161	
	Fast (speed3)	162–164	
	Halogen	165–167	
	No function	168–170	
Red shift	On	171–173	<b>On</b> (hold 3s)
	Off	174–176	
	No function	177–188	
Reset dimmer curve and speed settings to defaults	Reset dimmer settings	189–191	(hold 3s)
	No function	192–194	
Reset device to defaults	Reset defaults	195–197	(hold 3s)
	No function	198–200	
*Virtual Color Gels mode	Tungsten	201–204	<b>Tungsten</b> (hold 3s)
	Daylight	205–207	
	No function	208–255	